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<120> Methods of Assessing a Tissue Inflammatory Response Using Expression
Profiles of Endothelial Cells

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<160> 520

<170> PatentIn version 3.1

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 tgggagacaa gaaatccctg tttaatatatt aaacagcagt gttccccatc tgggtccttg 180
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 gtcaggactg tgactctttt tagggccagg cagggtgcctg gacatttgcc ttgctggatg 480
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 <213> Homo sapiens

<220>

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 tcacataaaa atgatgggac aataaatttt gccataaagt caaatttagc tggaaatcct 180
 ggattttttt ctgttaaatac tggcaaccct agtctgctag ccaggatcca caagtccttg 240

18

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 a 361

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 <213> Homo sapiens

<220>
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 ctgcagggag agtggcaaga atgggcctca tgtgtaccag gacctcctgc ttagccttgg 180
 gactacaaac agcacgctgc cccctccatt ttctctccaa tctggaatcc tgacattgaa 240
 cccagttgct cagggtcagc ccattcttac ttccctggga tcaaatcaag aagaagcata 300
 tgtcaccatg tccagcttct accaaaacca gtgaagtgtg agaaaccag actgaactta 360
 ccgtgagcga caaagatgat ttaaaaggga agtctagagt tcctagtctc cctcacagca 420
 cagagaagac aaaattagca aaaccctact acacagtctg caagattctg aaacattgct 480
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 catgtggatt tgg 553

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<220>
 <223> Probe 1372_at HG-U95Av2

19

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 aatgaaacct ctcataatcc cactgcatag aaataacaag cgttaacatt ttcataatattt 180
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 ctttatgaac atttttctgaa atcattgatt attctacaaa aacatgattt taaacagctg 360
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 tttcaggtca ttt 433

<210> 34
 <211> 247
 <212> DNA
 <213> Homo sapiens

<220>
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 tgttgtc 247

<210> 35
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<220>
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20

<400> 35

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 ttccgcaaac tcagctttac cgagtctctg accagtggtg cctcactgct aactctcaac 180
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<210> 36

<211> 571

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1385_at HG-U95Av2

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 cataatgaga tgtgagcctt gtgcatgtgg gggaggaggg agagagatgt actttttaaa 180
 tcatgttccc cctaaacatg gctgttaacc cactgcatgc agaaacttgg atgtcactgc 240
 ctgacattca cttccagaga ggacctatcc caaatgtgga attgactgcc tatgccaaagt 300
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<210> 37

<211> 277

<212> DNA

<213> Homo sapiens

21

<220>

<223> Probe 1400_at HG-U95Av2

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caagcagcac tgccctccaa ccccggaac ttcctgtgca accagatta tcacctttga 240
aagtttcaaa gagaacctga aggactttct gcttgctc 277

<210> 38

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1401_g_at HG-U95Av2

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atactgacag aaatcagtaa tatttatata ttatatattt taaaatatatt atttatttat 300
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<210> 39

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1402_at HG-U95Av2

22

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acatctgagt gcagccgttt gagaagaaaa catctattct ctccaaaaat gcacccaact 240
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<212> DNA
<213> Homo sapiens

<220>
<223> Probe 1403_s_at HG-U95Av2

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<212> DNA
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<220>
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<400> 41
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23

<210> 42
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 <212> DNA
 <213> Homo sapiens

<220>

<223> Probe 1433_g_at HG-U95Av2

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 aaaagttgga aggactgctg aggcccagtg catatgcaat gtatagtgtc tattatcaca 180
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 a 361

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<220>

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 gttctggcta actttggaat ccattagaga aaaatccttg tcaccagatt cattacaatt 240
 caaatcgaag agttgtgaac tgttatccca ttgaaaagac cgagccttgt atgtatgtta 300
 tggatacata aaatgcacgc aagccattat ctctccatgg gaagctaagt tataaaaata 360
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24

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atgcttcttg caatgcata 499

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<212> DNA
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<220>
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caaggatgac cgggacagcc ctgtgttttg gtatgctcca gaatgtttaa tgcaatctaa 240
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ccagatgaca gtcacaagac ttgtgaatac gttaaaagaa ggaaaacgcc tgccgtgccc 420
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caatcggaca agctttcaga accttattga aggatttgaa gca 523

<210> 45
<211> 577
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 1461_at HG-U95Av2

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25

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tttttctaaa aaaagaaaaa agaagaaaaa atttaaaggg tgtacttata tccacactgc      240
acactgccta gcccaaaacg tcttattgtg gtaggatcag ccctcathtt gttgcttttg      300
tgaacttttt gtaggggacg agaaagatca ttgaaattct gagaaaactt cttttaaacc      360
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tattttattgt gcttcgagtg actgacccca gtggtatcct gtgacatgta acagccagga      480
gtgttaagcg ttcagtgatg tggggtgaaa agttactacc tgtcaagggt tgtgttacct      540
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<210> 46

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1520_s_at HG-U95Av2

<400> 46

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tagcctggac tttcctgttg tctacaccaa tgcccaactg cctgccttag ggtagtgcta      180
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gcccttttgt tgagccaggc ctctctcacc tctcctactc acttaaagcc cgctgacag      300
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tattcaaagg gggcaagaag tagcagtgtc tgtaaaagag cctagttttt aatagctatg      480
gaatcaattc aatttggact ggtgtgctct ctttaaataca agtcctttta ttaagactga      540
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26

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611

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<211> 328

<212> DNA

<213> Homo sapiens

<220>

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ccggccccgg agacgcagtt caagcgccgc agctgccaga tggagttcga ggagggcatg 180

gtggaggggc gcgcgcgcgc cgaggagctg gccgccctgg gcaagcaggc gagcttctcg 240

ggcagcgtgg aggtcatcga ggtgtcctga cccctccgct gccctcggcc ccgcgcgccg 300

cagccaggcc cgttataaat gtatatta 328

<210> 48

<211> 212

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1562_g_at HG-U95Av2

<400> 48

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agtcgcaagc tgggtgccag gcctggggcc ctcccagttc ccccgcccca ggaaacactg 180

ctgacctttg caaaggctgc cgagctttcg tg 212

27

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 <212> DNA
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<223> Probe 1573_at HG-U95Av2

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 <212> DNA
 <213> Homo sapiens

<220>

<223> Probe 1577_at HG-U95Av2

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28

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247

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<211> 391

<212> DNA

<213> Homo sapiens

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<223> Probe 158_at HG-U95Av2

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acactggatg gaagaacata cctatgtcag taaatgatat tgtgaacccg gaatgaggag 240

aagaattatt ggatatgggc tgccatttcc aaaaaatcct gaccaacgtg gtgaccttct 300

aatagaattt gaggtgtcct tcccagatac tatatcttct tcatggaaag aagtactaga 360

catctccgcc tcatagaatg agacttgtag a 391

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<211> 181

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1591_s_at HG-U95Av2

<400> 52

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atcgggctga ggaagcacag cagcatcttc aaacatgtac aaaatcgatt ggcttttaaac 180

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30

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<220>
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<212> DNA
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<220>
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ttaccccaag gcttct 196

<210> 57
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<220>
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32

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gtgtattcat tttaaattgt tctgtatttt taaattgcc aaaaaacaa ctttgtaa 420
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taaataatttt ggcattgtac taataccggg aacatgaagc caggtgtggt ggtatgtacc 240
tgtagtccca ggctgaggca agagaattac ttgagcccag gagtttgaat ccacctcagg 300

33

cagcatactg agaccctgcc tttaaaaacn aacagnacca aanccaaaca ccagggacac 360

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<211> 556

<212> DNA

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cagacttgcc aggtccctt tctcttcttc ccaggtcct tccttaggt ctggttggtg 180

caccatctgc ttggttggtt ggcagctgag agccctgctg tgggagagcg aagggggtca 240

aaggaagact tgaagcacag agggctaggg aggtggggtta catttctctg agcagtcagg 300

gtgggaagaa agaatgcaag agtggactga atgtgcctaa tggagaagac ccacgtgcta 360

ggggatgagg ggcttcctgg gtcctgttcc ctacccatt tgtggtcaca gccatgaagt 420

caccgggatg aacctatcct tccagtgggt cgtccctgt agctctgcct ccctctccat 480

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tgactggatg gaagga 556

<210> 61

<211> 385

<212> DNA

<213> Homo sapiens

<220>

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<400> 61

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34

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 <212> DNA
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 gggccagggt caagcccagg aaggccctgc tcagccaggg gaaccagagg cagaggggaag 180
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 <212> DNA
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<220>
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35

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 ccctttgttg tcgtcgttgt agttaagga atttcatttt ttaaaagaaa tcttcgaagg 180
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 attaagactt tcttcagagt atgaaagtac aaaaagtcta gttacagtgg atttagaata 300
 tatttatgtt gatgtcaaac agctgagcac cgtagcatgc agatgtcaag gcagttagga 360
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 ccactgagaa gcaggcg 437

<210> 64
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
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 gaggatatta aaactacact aagtatcatt tgattcgatt cagaaagtac tttgatattt 180
 ctcaagtgett cagtgcctac attgtgagca attgtcttta tatacggtac tgtagccata 240
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 agcttga 307

<210> 65
 <211> 331
 <212> DNA
 <213> Homo sapiens

36

<220>

<223> Probe 1845_at HG-U95Av2

<400> 65

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tttgccatta tgcaaattgga gataaaagca attctggctg tccaggagct aatctgaccg      180
ttctattgtg tggatgacca cataagaagg caattttagt gtattaatca tagattatta      240
taaactataa acttaagggc aaggagttaa ttacaatgta tctttattaa aacaaaaggg      300
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<210> 66

<211> 193

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1867_at HG-U95Av2

<400> 66

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ttataatgtg tttagccctt tcttggtgct gtatgttttag atgctttcca atcttttgtt      180
actactaata atg                                     193

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<210> 67

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1868_g_at HG-U95Av2

<400> 67

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37

caggaaacct caccttggtt cggactatag agtgctgatg gcagagattg gtgaggattt 120
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 gaagacaaaa atccagaagt acaagcagtc tgttcaagga gcagggacaa gttacaggaa 360
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<210> 68

<211> 523

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1897_at HG-U95Av2

<400> 68

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 gcaagtacaa gtatataata tgtcacctgg cacattcatt ttctcagttg aagaagagaa 180
 aatttgaaaa tgtccttatg cttttagagt tgcaacttaa gtatatattg taggggtgagt 240
 gtttccactc aaaatatgtc aacttaaaaa aaaataggcc ctttcataaa aaccaaactg 300
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 accaattcca ccaagacagt gctgagattg gaaagggcac tcatttggat tgccttactt 420
 ctcttgctt aaatatatcc catatattta atatgtcaaa aagggttga ggtgaatttc 480
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<210> 69

<211> 451

<212> DNA

<213> Homo sapiens

38

<220>

<223> Probe 1951_at HG-U95Av2

<400> 69

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actgtgtcct cttccaccac agagggcggtg tgctcggtgc tgacgggacc cacatgctcc	180
agattagagc ctgtaaactt tatcacttaa acttgcacat cttaacggac caaagcaaga	240
ccctaaacat ccataattgt gattagacag aacacctatg caaagatgaa cccgaggctg	300
agaatcagac tgacagttta cagacgctgc tgtcacaacc aagaatgta tgtgcaagtt	360
tatcagtaaa taactggaaa acagaacact tatgttatac aatacagatc atcttggaac	420
tgcatctctc tgagcactgt ttatacactg t	451

<210> 70

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1968_g_at HG-U95Av2

<400> 70

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ggccagatcc agtgaaaaac aagctctcat gtctgaactg aagataatga ctcacctggg	120
gccacatttg aacattgtaa acttgctggg agcctgcacc aagtcaggcc ccatttacat	180
catcacagag tattgcttct atggagattt ggtcaactat ttgcataaga atagggatag	240
cttcctgagc caccacccag agaagccaaa gaaagagctg gatatctttg gattgaaccc	300
tgctgatgaa agcacacgga gctatgttat tttatctttt gaaaacaatg gtgactacat	360
ggacatgaag caggctgata ctacacagta tgtcccatg ctagaaagga aagaggtttc	420
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39

<210> 71
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 1987_at HG-U95Av2

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 cattttcaaa aagaattgac acttgctgaa catttctttt caattcagaa cttctgatgg 180
 attaaattgc cttcttcctc gaaaaccctg ggacccttcc agatgggact aactggggaa 240
 agtggacaag ttacaaacaa agaaactcaa aggaaagtca ttggcactga tctctaagat 300
 gctatcacat gtgattggtg gttga 325

<210> 72
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 2002_s_at HG-U95Av2

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 gttgtgtccg tagacactgc cagaacacta ttcaaccaag tgatggaaaa ggagtttgaa 180
 gacggcatca ttaactgggg aagaattgta accatatttg catttgaagg tattctcatc 240
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 tttgttgccg agttcataat gaa 323

40

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 <211> 436
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 2014_s_at HG-U95Av2

<400> 73
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 tcggggtgaa gcaagttcac tacagcatca atagaaagtc atctttgaga taatttaacc 360
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<210> 74
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 2018_at HG-U95Av2

<400> 74
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41

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<210> 75

<211> 550

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 2024_s_at HG-U95Av2

<400> 75

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<210> 76

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 2036_s_at HG-U95Av2

42

<400> 76
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<211> 602
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 2049_s_at HG-U95Av2

<400> 77
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gg 602

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<220>

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<220>

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aaagaataat caaaaagaag acattatccg gttaagagtc tgtgctggtt gccacnnaag 180

agagaacagt tgtccaggat gctggctggt ggaacaacct gctggcccga aacaaggctg 240

ccaggtgtgg aacagcccat gc 262

<210> 79

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 205_g_at HG-U95Av2

<400> 79

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44

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<210> 81
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 215_g_at HG-U95Av2

<400> 81
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 cgtgctcccc tgctcggcac cgccagccgc cttcccttta accctcacac tgctccagtt 180
 tcacctcttt gctccctgag ttcactctcc gaagtctgat ccctgccaaa aagtggctgg 240

45

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268

<210> 82

<211> 481

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 231_at HG-U95Av2

<400> 82

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aggagactga ggcttagaga gaggaggcag cccctccac accagtggcc tcgtggttat 180

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actgctocat ttataacccc agcctgacct gagactgtcg cagaggctgt ctggggcctt 300

tatcaaaaaa agactcagcc aagacaagga ggtagagagg ggactggggg actgggagtc 360

agagccctgg ctgggttcag gtcccacgtc tggccagcga ctgccttctc ctctctgggc 420

ctttgtttcc ttgttggtca gaggagtgat tgaacctgct catctccaag gatcctctcc 480

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<210> 83

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 257_at HG-U95Av2

<400> 83

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tggagattga aagatgctgt aatttagaaa ttaacatgat atcttaaatt acctttatga 180

46

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tttatcatga ttaaatatca aaaaattgcc ctatgaaaac tttaaattct taaaacattt 360
gaaatactac catattttgtg atttattgag aataaaaaatc cattttgaaa tgtaaaattt 420
ttatgatctg attcagtttt aagaa 445

<210> 84

<211> 614

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 265_s_at HG-U95Av2

<400> 84

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aatctccagt tttcagttga tctactggcaa tgaaaaattc tcagtcagta attgccaaag 180
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aaactctggg aaataagaga gaacaactac tgtgatcagg ctatgtatgg aatacagtgt 420
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ctgtgtgaaa taccagtgtg gtttgtgttt gagttttatt gagaatttta aattataact 540
taaaatattt tataattttt aaagtatata ttattttaag cttatgtcag acctatttga 600
cataacacta taaa 614

47

<210> 85
 <211> 508
 <212> DNA
 <213> Homo sapiens

<220>

<223> Probe 286_at HG-U95Av2

<400> 85
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 CGGTAGGGCG AGTGCATCGC TTGCTGCGCA AAGGCAACTA CGCGGAGCGA GTGGGGGCG 180
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 CGGGCAACGC GGCTCGGGAC AACAAGAAGA CGCGCATCAT CCTCGTCAC CTCAGCTGG 300
 CCATCGCAA CGACGAGGAA CTGAACAAGC TGCTGGGCAA AGTCACCATC GCCCAGGGCG 360
 GCGTCTTGCC TAACATCCAG GCCGTACTGC TCCCTAAGAA GACGGAGAGT CACCACAAGG 420
 CAAAGGGCAA GTGAGGCTGA CGTCCGGCCC AAGTGGGCCC AGCCCGGCCC GCGTCTCGAA 480
 GGGGCAACTG TGAACTCAAA AGGCTCTT 508

<210> 86
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>

<223> Probe 287_at HG-U95Av2

<400> 86
 GTTAACACAA AATCCATGGG CAGCATGATG GCAGGTCCTC TGTTGCAAC TCAGTTCCAA 60
 AGTCACAGGA AGAAAGCAGA AAGTTCAACT TCCAAAGGGT TAGGACTCTC CACTCAATGT 120
 CTTAGGTCAG GAGTTGTGTC TAGGCTGGAA GAGCCAAAGA AATATTCCAT TTTCTTTCC 180
 TTGTGGTTGA AACCACAGTC AGTGGAGAGA TGTTTGGAAC ACAGTCAGTG GAGCTGGTGG 240
 TACCAGGTTT AGCATTATTG GATGTCAAAA GCATTTTTTT TGTCATGTAG CTGTTTAAAG 300

48

aaatctggcc caggggtgttt gcagctgtga gaagtcactc aactggcca caaggacgct 360
ggctactgtc tattaaaatt ctgatgtttc tgtgaaattc tcagagtgtt taatt 415

<210> 87
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 31472_s_at HG-U95Av2

<220>
<221> misc_feature
<222> (75)..(95)
<223> n is a, g, c or t

<400> 87
gacaagtttt ggtggcacgc agcctgggga ctctgcctcg tgccgctgag cctggcgcag 60
atcgatttga atatnnnnnn nnnnnnnnnn nnnnnattcc acgtggagaa aaatggctgc 120
tacagcatct ctcggaacga gcccgctgac ctctgcaagg ctttcaatag caccttgccc 180
acaatggccc agatggagaa agctctgagc atcggatttg agacctgcag tttgcattgc 240
agtcaacagt cgaagaaggt gtgggcagaa gaaaaagcta gtgatcaaca gtggcaatgg 300
agctgtggag gacagaaagc caagtggact caacggagag gccagcaagt ctcaggaaat 360
ggtgcatttg gtgaacaagg agtcgtcaga aactccagac cagtttatga cagctgatga 420
gacaaggaac c 431

<210> 88
<211> 576
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 31540_at HG-U95Av2

49

<220>

<221> misc_feature

<222> (44)..(58)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (256)..(529)

<223> n is a, g, c or t

<400> 88

atgagaccag tacaaactac tcaagaggaa gatggctgta gctnnnnnnn nnnnnnnnaa 60

gaagaaggag gatgtgaact gtgaaatgga agtcaatagg gctggtggga ctttcttgaa 120

aagaagcaag gaaatatgag tcatccgcta tcacagcttt caaaagcaag aacaccatcc 180

tacataatac ccaggattcc cccaacacac gttcttttct aaatgccaat gagttggcct 240

ttaaaaatgc accacnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnt gccaggcccg 540

gccaaaataa tgcaccactt ttaacagaac agacag 576

<210> 89

<211> 126

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 31622_f_at HG-U95Av2

<400> 89

gtgtctcctg cacctgcgct ggttcctgca agtgcaaaga gtgcaaatgc acctcctgca 60

agaagagctg ctgctcctgc tgccccgtgg gctgtagcaa gtgtgccag ggctgtgttt 120

50

gcaaag

126

<210> 90

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 31697_s_at HG-U95Av2

<220>

<221> misc_feature

<222> (29)..(51)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (107)..(215)

<223> n is a, g, c or t

<400> 90

caaactggcc actgacaaaa atgaccccn nnnnnnnnnn nnnnnnnnnn nacattacct 60

gaatgagcag gtgaaagcca tcaaagaatt ggggtgaacgt gaccaannnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnagctg tgggggtgact tccctggtca 240

ccaaggcagt gcatgcatgt tgggggttcc tttacctt 278

<210> 91

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 31803_at HG-U95Av2

51

<220>
<221> misc_feature
<222> (67)..(67)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (302)..(317)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (392)..(443)
<223> n is a, g, c or t

<400> 91
aagtgggctg tggtgcccatttgacagtgc tgtgaagtga ctccaggacg gacctgcggg 60
ggcaccnaga ggtcctaagc cccaggactg agggtcgtgc atcaccactc ggggtgtcccg 120
ggaggtgccc tgggcccggg gacctcacag gcaggacggc gacactaatg cagggagagg 180
gagtctggcc ccagcttttc ctatcagagg cgattttcct tcaccagggg atgggcagga 240
aagaggcagg ggccccagaa gcttctgtcc ctcatgcctg agggcacggg ggacacttgg 300
annnnnnnnn nnnnnnngtg cgtccaaggc catgctctct gcgggtcagt gcctgagtct 360
cgctccctg ctggtccctg aagccccctc annnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn nnnnnnnnnn nnnccctctc agcccaacat cagcttcctc tttctccctt 480
gctgtagaca ggctggat 498

<210> 92
<211> 586
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 31825_at HG-U95Av2

52

<220>

<221> misc_feature

<222> 39..64, 74, 96, 113, 118, 122, 142, 153, 162, 166, 175

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 181, 195, 197, 224, 228, 249, 328, 418..434

<223> n is a, g, c or t

<400> 92

gaaacgacca agaagagagg cttgttgga tcaattctnn nnnnnnnnnn nnnnnnnnnn 60

nnnntagaag tcantgtaac tgtagtgtgt ctgctngtta cctagagggt ctnacctncc 120

cnactcttca cagcaaacct gnagcagcgc gtnccctaagc ancctncccg ctcnnggtga 180

nccccatcct tgcanancct gactctgtca ctcaagcctt tctnccancc aggccctca 240

tctgaatanc caagcacaga aatgagtggg gtgactaatt ccttacctct cccaaggagg 300

gtacacaact agcaccattc ttgatgtgcc aggaagaag ccacctcaag acatatgagg 360

ggcgccctgg gctaattgta gggcttaatt ttctcaaagc ctgaccttc aaatocannn 420

nnnnnnnnnn nnnnccctcc tgctgttgcc tccctgtgac ctggaggaca gtgtgtgcca 480

tgtctcccat actagagata aataaatgta gccacattta ctgtnaaaaa aaaaaaaaaa 540

aaactcgagg ggggccggta cccaattcgc cctatagctg agtcgt 586

<210> 93

<211> 525

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 31862_at HG-U95Av2

<220>

<221> misc_feature

<222> (388)..(392)

<223> n is a, g, c or t

53

<220>

<221> misc_feature

<222> (395)..(402)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (405)..(412)

<223> n is a, g, c or t

<400> 93

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acatcccctc agttgcagtg aattgtgagc aaaagatctt gaaagcaaaa agcactaatt      60

agttttaaagt gtcacttttt tggtttttat tatacaaaaa ccatgaagta ctttttttat      120

ttgctaaatc agattgttcc tttttagtga ctcatgttta tgaagagagt tgagtttaac      180

aatcctagct tttaaaagaa actatttaat gtaaaatatt ctacatgtca ttcagatatt      240

atgtatatct tctagccttt attctgtact tttaatgtac atattttctgt cttgcgtgat      300

ttgtatatatt cactggttta aaaaacaaac atcgaaaggc ttatgccaaa tggaagatag      360

aatataaaat aaaacgttac ttgtatannn nnaannnnnn nnaannnnnn nncagataat      420

tcatgtggag atttttggag aaaccatgac ggatagttta ggatgactac atgtcaaagt      480

aataaaaagag tgggtgaattt taccaaaacc aagctatttg gaagc                    525

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<210> 94

<211> 193

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 31895_at HG-U95Av2

<400> 94

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agtcttggtt ctccatctgt aatttttttt aacagtttgc tatagcttac tgcttaacta      60

attttaaata aggaaataag tatgttagat gcagtagacg atacagggtg catgtggaca      120

ctcagtcaca ttaacaactt gggaaaaaaa tggcaatgtt acggtgaatt ctcagggtgaa      180

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54

cttttttcag tta

193

<210> 95

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 31974_at HG-U95Av2

<220>

<221> misc_feature

<222> 54, 117, 118, 125, 126, 216, 231, 232, 339..362

<223> n is a, g, c or t

<400> 95

cagcggcatg aagtttgaga ttggccaggc cctgtacctg ggcttcatct cctncgtccc 60

tctcgctcat tgggtggcacc ctgctttgcc tgtcctgcc ggacgaggca ccctacnngc 120

cctannccag gccccgcca gggccaccac gaccactgca aacaccgcac ctgcctacca 180

gccaccagct gcctacaaag acaatcgggc cccctnagt acctcggcca nncacagcgg 240

gtacaggctg aacgactacg tgtgagtccc cacagcctgc ttctccctg ggctgctgtg 300

ggctggttcc cggcgggact gtcaatggag gcaggggtnn nnnnnnnnnn nnnnnnnnnn 360

nncaatTTTT gtatccaagg aaataatgtg aatgcgagga aatgtcttta gagcacaggg 420

aca 423

<210> 96

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32034_at HG-U95Av2

<400> 96

cctgttcaca agctgagcca tatgtacata atctagattt tgttttcata gttttgcact 60

55

tttatagcct atttttgaag attaacacat ttgcaagatg attgactcaa tctttgccta 120
atccaatgag tgttacagag agcttgctgt gactagaacc ataaatctta aaggggggtat 180
gtgataatag agggctggaa tttaaacctg tatttaaaaa aaagaatcac caaatctatt 240
tgaaaacaag tcgatttgta ttatgctgga attttttggg ctttcagatt tctcttttta 300
accacatttc tgaatgtata aaaataccaa ttattttcct acagcccttt gtacttcaaa 360
atatgttttt gtgtccatca gtattaacta ttg 393

<210> 97
<211> 114
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32052_at HG-U95Av2

<400> 97
gctcgctttc ttgctgtcca atttctatta aagggttcctt tgttccctaa gtccaactac 60
taaactgggg gatattatga agggccttga gcatctggat tctgcctaataaaaa 114

<210> 98
<211> 479
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32114_s_at HG-U95Av2

<220>
<221> misc_feature
<222> 48, 50, 55, 92, 135, 226..241
<223> n is a, g, c or t

<400> 98
agcttgggca cagcagactg gcctggccct gagactgggg agtggctnctn acagncctcc 60
tgccacccac acaccactct ccctagactc tncctagggt tcaggagctg ctgggcccag 120

56

agggtgacatt tgacnttttt tccaggaaaa atgtaagtgt gaggaaaccc tttttatttt 180
attacctttc actctctggc tgctgggtct gccgtcggtc ctgctnnnnn nnnnnnnnnn 240
ngagcctctg cccggggagc ctcaggcagt cctctcctgc tgtcacagct gccatccact 300
tctcagtccc agggccatct cttggagtga caaagctggg atcaaggaca gggagttgta 360
acagagcagt gccagagcat gggcccaggt cccaggggag aggttggggc tggcaggcca 420
ctggcatgtg ctgagtagcg cagagctacc cagtgaagg ccttgtctaa ctgcctttc 479

<210> 99
<211> 55
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 32115_r_at HG-U95Av2

<400> 99
ggctctgccgt cggctcctgct gctaacctgg cagcagagcc tctgcccggg gagcc 55

<210> 100
<211> 541
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 32168_s_at HG-U95Av2

<220>

<221> misc_feature
<222> (125)..(125)
<223> n is a, g, c or t

<400> 100
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ttcaaagcat gtcaagtgga tagtagatct gtggcgatat gagagggatg cagtgccttt 120
cccnattca ttctgatgg aattgttata ctaggttaac atttgtaatt tttttctagt 180

57

tgtaatgtgt atgtctggta aataggtatt atatatttggc cttacaatac cgtaacaatg 240
tttgtcattt tgaaataactt aatgccaagt aacaatgcat gctttggaaa tttggaagat 300
ggttttattc tttgagaagc aaatatgttt gcattaaatg ctttgattgt tcatatcaag 360
aaattgattg aacgttctca aaccctgttt acggtacttg gtaagaggga gccggtttgg 420
gagagaccat tgcacgctg tccaagtgtt tcttggttaag tgctttttaa ctggagaggc 480
taacctcaaa atatattttt taactgcatt ctataataaa tgggcacagt atgctcctta 540
c 541

<210> 101
<211> 60
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32215_i_at HG-U95Av2

<400> 101
aacagattac tgtctattgt cagcatcatt ttcacatgta agtcactact ggaatatatt 60

<210> 102
<211> 202
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32216_r_at HG-U95Av2

<220>
<221> misc_feature
<222> (78)..(78)
<223> n i s a , g , c o r t

<400> 102
aaatggactg ggatagagga cagactgata gtttctttct ttcacatcac atgtatagag 60
aaataattat atcagaanct cacaaccta gacatggaaa aacagattac tgtctattgt 120

58

cagcatcatt ttcactctgta agtcactact ggaatatatt tttcttttaa tttccagtga 180

ctttagaata cacacagttt tt 202

<210> 103

<211> 171

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32285_g_at HG-U95Av2

<400> 103

ctatgtggac ccacgcaaag atagcgagaa atatgccgag gagaacttca aaacctttgt 60

gttcgaggag acacgattca ccgcggtcac tgcctaccag aaccatcgga tcacgcagct 120

caagattgcc agcaatccct tcgcgaaagg cttccgggac tgtgaccctg a 171

<210> 104

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32319_at HG-U95Av2

<400> 104

gtctatgttc ttgttgctat gagtcaagga gtgtaacctt ctccctttact atgttgaatg 60

tatttttttc tggacaagct tacatcttcc tcagccatct ttgtgagtcc ttcaagagca 120

gttatcaatt gttagttaga tatttttctat ttagagaatg cttaagggat tccaatcccg 180

atccaaatca taatttggtc ttaagtatac tgggcaggtc ccctatttta agtcataatt 240

ttgtatttag tgctttcctg gctctcagag agtattaat 279

<210> 105

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32321_at HG-U95Av2

<220>

<221> misc_feature

<222> (118)..(356)

<223> n is a, g, c or t

<400> 105

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gggccccccac cagggaaatg tctagtgtct agtggatcca ggccacagga gagagtgnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntccc 360

acagatacct tttctctccc atgacccttt aacagcatct gcttcattcc cctcaccttc 420

ccaggctgat ctgaggtaa 439

<210> 106

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32464_at HG-U95Av2

<220>

<221> misc_feature

<222> (167)..(219)

<223> n is a, g, c or t

<400> 106

gagggtcttg tatctcctct tctcgttcct cttcatattc ctgatgcctc ttccaggtgt 60

ttttggtggg ataggcgatc ctgttacctg ccttaagagt ggagccatat gtcacccagt 120

60

cttttgcctt agaaggtata aacaaattgg cacctgtggt ctccctnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnt gcggattcag aaagggtcc 240
ctcatcagag acgtgcgaca tgtaaacc aa 270

<210> 107
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32531_at HG-U95Av2

<400> 107
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gactattaaa tgtgcctaaa tgaattttgc agtaactggt attcttgggt tttcctactt 120
aatacacagt aattcagaac ttgtattcta ttatgagttt agcagtcttt tggagtgacc 180
agcaactttg atgtttgcac taagatttta tttggaatgc aagagagggt gaaagaggat 240
tcagtagtac acatacaact aatttatttg aactatatgt tgaagacatc taccagtttc 300
tccaaatgcc ttttttaaaa ctcatcacag aagattgggtg aaaatgctga gtatgacact 360
tttcttcttg catgcatgtc agctacataa acagttttgt acaatgaaaa ttactaat 420
gtttgacatt ccatgttaaa ctacg 445

<210> 108
<211> 480
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32551_at HG-U95Av2

<220>
<221> misc_feature
<222> (64..76, 78..81, 83..89, 100, 102)
<223> n is a, g, c or t

61

<400> 108
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atannnnnnn nnnnnnnann nnnnnnnnt ttgtcagan antttagatt gtgaatattt 120
tgtaaaaaac agtaagcaaa attttccaga attcccaaaa tgaaccagat atcccctaga 180
aaattatact attgagaaat ctatggggag gatatgagaa aataaattcc ttctaaacca 240
cattggaact gacctgaaga agcaaactcg gaaaatataa taacatccct gaattcagga 300
cttcacaag atgcagaaca aaatggataa aaggatttct actggagaag ttttaatttc 360
taagtaaaat ttaaataccta acacttcact aatttataac taaaatttct catcttcgta 420
cttgatgctc acagaggaag aaaatgatga tggtttttat tcctggcatc cagagtgaca 480

<210> 109
<211> 177
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32588_s_at HG-U95Av2

<400> 109
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catgggcctt aggcagactg caagcccgac cgagcacttg gactcgaact ctgtgcc 177

<210> 110
<211> 534
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32606_at HG-U95Av2

<220>
<221> misc_feature
<222> 276, 277, 290, 293..297, 368..406, 441, 442
<223> n i s a , g , c o r t

<400> 110
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aggctaagta ggatgagaga atgtttgtca ctcccaaaaa tatctggaga ggaagaatgg 120
aggattggca ttgagatcca tgtggacaag ctaagtgggc tctgtctgaa agctggcatt 180
catccacaac attaaaaaaaa tatcaaaata agaaaggctg taaattaaaa agaaaacaca 240
gaaaatactg ctotcataaa gatctgattg ccttgnnaca ggccctgtgn gannnnntca 300
aacgcatcac tccaactcc cattgcagaa gaaaagctat tcaactctca gcggtggagg 360
agtgcattnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnncaga cgcggtatctt 420
ggaaatccag gacttcttgg nnaagttgac tgaaggtata ttagatatattt cccacaaaa 480
atactatttg gattctccca cccctccct cccttgatgg gacaacatcc tgta 534

<210> 111
<211> 45
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32609_at HG-U95Av2

<400> 111
gcccgcgtct cgaaggggca cctgtgaact caaaaggctc ttttc 45

<210> 112
<211> 505
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32610_at HG-U95Av2

<220>
<221> misc_feature
<222> 35, 90, 102, 130, 131, 187, 380, 383, 437
<223> n is a, g, c or t

63

<400> 112

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ccaagcagtc aggctccttc cgctacttgn agggcatgct anaggccggc gagggcgggg      120
attggcccgn ncctggcggc ccccgggaacc tcaagcccac ggccagcaag ctgggcgctc      180
cgctgancgg cctgcagggg ctgcccaggt gcacgcgctg cggccacggc atcgtgggca      240
ccatcgtcaa ggcacgggac aagctctacc atcccagtg cttcatgtgc agtgactgcg      300
gcctgaacct caagcagcgt ggttacttct ttctggacga gcggctctac tgtgagagcc      360
acgccaaggc gcgcgtgaan ccncccgagg gctacgacgt ggtggcgggtg taccccaatg      420
ccaaggtgga actcgtntga gctgggaccc tgctcccacg cctgcttctt aaggtccctg      480
ctcggccggt gtaaatatgt ttcac                                          505

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<210> 113

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32616_at HG-U95Av2

<400> 113

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aataccagca gcagccttag agcacaggga gaccgcgtcca tttggcaggg gtggctgcct      60
catttagaga ggaaaagtaa ccatcactgg ttgcacttat gatttcatgt gcggggatca      120
tctgccgtgc ctggatcctg aaatagaggc taaattactc aggaagaaca ccctctaaat      180
gggaaagtat tctgtactct tagatggatt ctccactcag ttgcaacttg gacttgcct      240
cagcagctgg taatcttgct ctgcttgaca acatctgagt gcagccgttt gagaagaaaa      300
catctattct ctccaaaaat gcaccaact agctctatgt ttacaaatgg                    350

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<210> 114

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32640_at HG-U95Av2

<220>

<221> misc_feature

<222> (256)..(273)

<223> n is a, g, c or t

<400> 114

gtgatttttc tatcggcaca aaagcactat atggactggt aatggttaca ggttcagaga 60

ttacccagtg aggccttatt cctcccttcc ccccaaaact gacaccttg ttagccacct 120

ccccaccac atacatttct gccagtgttc acaatgacac tcagcgggtca tgtctggaca 180

tgagtgccca gggaatatgc ccaagctatg ccttgcctc ttgtcctgtt tgcatttcac 240

tgaggagcttg cactannnnn nnnnnnnnnn nnngcagtga tcagggtcct gcaagcagt 299

<210> 115

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32668_at HG-U95Av2

<400> 115

tcccctcttt tgtgaagaaa gcgggtccaa atgtgattca aacaactgta cggagtggca 60

tattagaatt gccctaaact gaactgcaaa taattatgtg tgtatgtata tgtgtgggaa 120

agagaatgta ctgtatatgt gtatgttata cagacatata cacatacata cattgaccca 180

caggacattg taaaatatta tcacatgaca tcttaagtag aaataagtag ggacttttat 240

tccatccttt ttttcacgtt tacattttta ttattacaag ttgctcctgc cccctccctg 300

aactattttg tgctgtgtat atcactgctt tatataagtt attttttaag gtgaactcag 360

atgttatggt tttgtaaatg tctgcaatca tggataggaa taaaatcgct tatttgagag 420

ctttcattaa a 431

65

<210> 116
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32700_at HG-U95Av2

<220>
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<222> 29, 65, 66, 72..105, 230..245, 420..434
<223> n i s a, g, c o r t

<400> 116
agtactacca ggtgcccaagg aaggggatnc aggccaaaga ggtgctgaaa aaatatttgg 60
agtcnnagga gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnactc tcagaaaagg 120
aaaaagcgat tgaagtggaa cgtataaagg ctgaatctgc agaagctgca aagaaaatgt 180
tggaggaaat acaaaagaag aatgaggaga tgatggaaca gaaagagaan nnnnnnnnnn 240
nnnnngtgaa acaattgact gagaagatgg agagggacag ggcccagtta atggcagagc 300
aagagaagac cctcgctctt aaacttcagg aacaggaacg ccttctcaag gagggattcg 360
agaatgagag caagagactt caaaaagaca tatgggatat ccagatgaga agcaaatcan 420
nnnnnnnnnn nnnnaacata ctctaaaagt ccaaggagca aaatttgcct gtccagctcc 480
ct 482

<210> 117
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32718_at HG-U95Av2

<220>
<221> misc_feature
<222> 41..44, 46..48, 58..74, 218
<223> n i s a, g, c o r t

<400> 117
cagactgagc aagtggagta gcagaaccag gagcctcttc nnnncnnnag gaaagatnnn 60
nnnnnnnnnn nnnnaaggga aattcctagg attggctgtc ccttgccaag cttggtggag 120
cgtctgcacc ttggtgcgc cgcctgtgca tttgccagtt tcctcccact gagaggatgg 180
aggtgtccgc acagcttttg gcctcgtgag ggatctgncc tcctgagcaa agagctcttg 240
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aaaactcctc ttgttctctt ttcttacatt atgacgtttg ttttcaagga gagggtttaa 360
aaatgggato ctgtaagcag acttgggcag tctccttttg aaataggttg tctgtacatg 420
ttctaattgtt ttgtagaaca c 441

<210> 118
<211> 498
<212> DNA
<213> Homo sapiens

<220>
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<220>
<221> misc_feature
<222> (77)..(91)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (218)..(220)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (222)..(268)
<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (425)..(425)

<223> n is a, g, c or t

<400> 118

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tgccgtcagt gccaacnnnn nnnnnnnnnn ncatctaccc gttcactcca gtcccacccc	120
acgcctgact cccctctgga aactgcaggc cagatgggtg ctgccacaac ttgtgtacct	180
tcagggatgg ggctcttact ccctcctgag gccagctnnn cnnnnnnnnn nnnnnnnnnn	240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnaa atgagtgtct cagaagtgtg ctccctctggc	300
ctcagttctc ctcttttgga acaacataaa acaaatttaa ttttctacgc ctctggggat	360
atctgctcag ccaatggaaa atctgggttc aaccagcccc tgccatttct taagactttc	420
tgctncactc acaggatcct gagctgcact tacctgtgag agtcttcaaa cttttaaac	480
ttgccagtca ggactttt	498

<210> 119

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32737_at HG-U95Av2

<220>

<221> misc_feature

<222> 207, 209..212, 261, 264, 269, 298, 310, 337..358, 373, 377

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 380..387, 389..392, 398, 402, 405, 407, 409, 410, 412..419

<223> n is a, g, c or t

68

<220>

<221> misc_feature

<222> 423, 424, 426, 429..462

<223> n is a, g, c or t

<400> 119

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ccgcgccaaag tggttcccag aagtgcggca ccaactgcccc agcacacca tcatcctggt 120
gggcaccaag ctggacctgc gggacgacaa ggacaccatc gagaaactga aggagaagaa 180
gtgggtccc atcacctacc cgcaggncnn nnggcactgg ccaaggagat tgactcgggt 240
aaatacctgg agtgctcagc nctnaccna gagaggcctg aaaaccgtgt tcgacganc 300
catccgggcn gtgctgtgcc ctacagccac gcggcannnn nnnnnnnnnn nnnnnnnnct 360
cctctagggg ttngcancn nnnnnnnncn nntagatngg tntgntncnn cnnnnnnnna 420
ggnnncngnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnggagccct tcacgggacg 480
ctacagcctg tgcc 494

<210> 120

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32772_s_at HG-U95Av2

<220>

<221> misc_feature

<222> (246)..(260)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (279)..(279)

<223> n is a, g, c or t

69

<220>

<221> misc_feature

<222> (285)..(285)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (287)..(287)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (301)..(301)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (105)..(105)

<223> n is a, g, c or t

<400> 120

ggagacacta tattcaatcg tgctaagctc ctcaatgttg gctttcaaga agccttgaag 60

gactatgact acacctgctt tgtgttttagt gacgtggacc tcatnccaat gaatgaccat 120

aatgcgtaca ggtgtttttc acagccacgg cacatttccg ttgcaatgga taagtttgga 180

ttcagcctac cttatgttca gtattttgga ggtgtctctg ctctaagtaa acaacagttt 240

ctaacnnnnn nnnnnnnnnn taataattat tggggctgng gaggnagnaga tgatgacatt 300

nttaacagat tagtttttag aggcattgtct atatctc 337

<210> 121

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32786_at HG-U95Av2

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70

<220>
 <221> misc_feature
 <222> (255)..(255)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (258)..(260)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (341)..(341)
 <223> n is a, g, c or t

<400> 121
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 accctgggac ctaggggagc cgcaaaccac actggactcc ggccctccta ccctgcgccc 120
 agtccttcca cctcgacgtt tacaagcccc cccttccact tttttttgta tgtttttttt 180
 ctgctggaaa cagactcgat tcatattgaa tataatatat ttgtgtatatt aacagggagg 240
 ggaagagggg gcgantcnnn ggcggagctg gccccgccgc ctggtactca agcccgcggg 300
 gacattggga aggggacccc cgccccctgc cctcccctct ntgcaccgta ctgtggaaaa 360
 gaaacacgca cttagtctct aaagagttta tt 392

<210> 122
 <211> 242
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 32794_g_at HG-U95Av2

<220>
 <221> misc_feature
 <222> (41..58, 189, 195, 197, 201)
 <223> n is a, g, c or t

71

<400> 122
gactccagat actgcctgag cagccgcctg agggctctcg nnnnnnnnnn nnnnnnnncc 60
cgcaaccact tccgctgtca agtccagttc tacgggctct cggagaatga cgagtggacc 120
caggataggg ccaaaccctg caccagatc gtcagcgccg aggcctgggg tagagcagac 180
tgtggcttna cctcngngtc ntaccagcaa ggggtcctgt ctgccaccat cctctatgag 240
at 242

<210> 123
<211> 251
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32818_at HG-U95Av2

<400> 123
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agattaaatg tgtcattgga agccatccct ttttttacat ttcatacaac agaaaccaga 120
aaagcaatac tgtttccatt ttaaggatat gattaatatt attaataataa taatgatgat 180
gatgatgatg aaaactaagg atttttcaag agatctttct ttccaaaaca tttctggaca 240
gtacctgatt g 251

<210> 124
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32847_at HG-U95Av2

<220>
<221> misc_feature
<222> 39, 73, 75, 88..129, 137, 174..176, 309..324, 394..409
<223> n is a, g, c or t

72

<400> 124
tccaaggacc ggatgaagaa gtacatggca agaaggaant ggcagaaaac gggcaatgct 60
gtgagagcca ttngnagact gtcctctnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnna gggtcanca accagccgc tcaatgcaga aaaactagaa tctnnngaag 180
atgtgtccca agctttcctt gaggtgttg ctgaggaaaa gcctcatgta aaaccctatt 240
tctctaagac cattcgcat ttagaagttg tggagggaag tgctgctaga tttgactgca 300
agattgaann nnnnnnnnnn nnnnaggttg tctggttcaa agatgaccag tcaatcaggg 360
agtcccgcca cttccagata gactacgatg aggnnnnnnn nnnnnnnna attattagt 420
atgtttgcgg ggatgacgat gccaagtaca cctgcaaggc tgtcaacagt cttggagaag 480
ccacctgca 489

<210> 125
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 32944_at HG-U95Av2

<220>
<221> misc_feature
<222> (26)..(46)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (141)..(155)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (190)..(205)
<223> n is a, g, c or t

<400> 125
 accagaccag ccaagaaact gaaacnnnnn nnnnnnnnnn nnnnnngaga aacctacaca 60
 gatgatcttc caccacctcc tgtgccgcca cctgctataa agtcacctac tgcccaatcc 120
 aagacacagc tggaagtacg nnnnnnnnnn nnnnnnaaac tcccttctat ggatgcaaga 180
 acagacagan nnnnnnnnnn nnnnnngaagc agttacaagg ggagagaagt gttggatgga 240
 agacaggttg ttgacatgcg aacaaatcca ggtgatccca gagaagcaca ggaacagcaa 300
 aatgacggga aaggacgtgg aaacaaggca gcaaaacgag accttccacc agcaaagact 360
 catctcatcc aagaggatat tctaccttat tgtagaccta cttttccaac atcaaataat 420
 cccagagatc ccagttcctc aagctcaatg tcatcaagag gatcaggaag cagacaaaga 480
 gaacaagcaa atgtaggtcg aagaaatatt gcagaaatgc aggtacttgg aggatatgaa 540
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 tt 602

<210> 126
 <211> 183
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 33102_at HG-U95Av2

<400> 126
 atatttttgg agtcccattg tttcagtggg cattaacaga atgctttaaa aacttctaag 60
 acaagaatct atagcattag tatacactgg cacataatTT tttaaaaagt tttaagaaaa 120
 gattcatttg gaattttatt cacagtataa aatttcctca cctgaagtaa ctttgtttgc 180
 caa 183

<210> 127
 <211> 485
 <212> DNA
 <213> Homo sapiens

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<220>

<223> Probe 33103_s_at HG-U95Av2

<400> 127
 tctcacagaa ggagaacttg aagagtataa gaggacaatc gaacgtaaac aacaaggcct 60
 agaagaaaac catgagctgt tttccaagag cttcatctcc atggaagtgc ctgtcatggt 120
 agtaaatggc aaggatgata tgcattgatgt tgaagatgag cttgctaagc gagtgagtag 180
 gttaagcaca agtacaacca tagaaaacat cgagattact attaagtctc cagagaaaat 240
 cgaagaagtc ctgtcacctg aaggctcccc ttcaaaatcg ccatccaaga aaaagaagaa 300
 attccgcact ccttcttttc tgaaaaagaa caaaaaaaag gagaaagttg aggcctaaat 360
 aaagtctttt tataattatt attataacaa tgtgacattg cacatctaaa taccacattt 420
 aagttgatca ttaatatgca atggtagatc agattggggg atgtagcaaa ctggacttta 480
 agaac 485

<210> 128

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33113_at HG-U95Av2

<220>

<221> misc_feature

<222> 61..101, 142, 145, 197, 208, 213, 242, 243, 249..253

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 255..310, 399..401

<223> n is a, g, c or t

<400> 128
 tttctccagt gctcaactgt tagatattaa tcttggcaaa ctgcttaatc ttgtggattt 60
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nagtgaaagg aaaaattgca 120

75

ttagtttggtt gcatgaactt cngangggca gatattactg cacaaactgc catctcgctt 180
catttttttta actatgncat ttgagtanca ganctaattt ttaaaatatg ctaaactgga 240
anngattann nnnannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn tggctgtccc ccccgccgcc cccccaccc ccatatgtac agatgataat 360
agggtgtgga atgtcgtcag tggcaaacat ttcacagann nttattttgt ttctgtcttc 420
aacatttttg acactgtgct aatagttata ttc 453

<210> 129

<211> 514

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33130_at HG-U95Av2

<220>

<221> misc_feature

<222> (143)..(159)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (316)..(333)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (78)..(78)

<223> n is a, g, c or t

<400> 129

cttgtaagcc acttgtttgg ttatgatttg tgtcttatca gggaaaaggt gccagctgc 60
cagcccagct ccgctgenta tctttgcctc acttagtcat gtgcaattcg cgttgcagag 120
tggcagacca ttagttgctg agnnnnnnnn nnnnnnnnnt gtgctcagaa gagcacctgc 180

76

ccaaagtttt tctggtttta atttaaagga caaggctaca tatattcagc tttttgagat 240
gaccaaagct agttagggtc tccttgatgt agctaagctg cttcagtgat cttcacattt 300
gcactccagt tttttnnnnn nnnnnnnnnn nnnttctacc tctctatgtg cctgagtgat 360
gatacaatcg ctgttttagtt actagatgaa caaatccaca gaatgggtaa agagtagaat 420
ctgaactata tcttgacaaa tattattcaa acttgaatgt aaatatatac agtatgtata 480
ttttttaaaa agatttgctt gcaatgacct tata 514

<210> 130
<211> 549
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33235_at HG-U95Av2

<220>
<221> misc_feature
<222> 26..40, 262, 273
<223> n is a, g, c or t

<400> 130
gtgtcacaaa gtcaataggt ccttannnnn nnnnnnnnnn ctaagggaaa tccgaactga 60
atztatgcac atagaattgt caccctgact ttgaagcctc aaacatggat caaatctgtt 120
gtgaaacatc aatatatgta gctggatgag tgactagttt cccttgata atatgtgatc 180
taagaaaatt gctaattctt ccctgccatt ttgagaaaca cagtccaaac atgagcataa 240
acagaatttc ctgcaataca tnccagtag gtncaccta gtttacaact taaactagtt 300
tgtgaaacat ttgtctgtat acattttata ttttgatcat tttgatgtaa catatcatgt 360
aaataggcag aaacagtga ataaatcatc tgaaaagttt tgtagtcttt gtaaagcccc 420
aacaataagt acttgggtgc aatggactta actggatgat gtattttcta ttggtttatt 480
gttcctctag cttgtaaacc agcttgcata tatttttttg caaatgtgca ccctgtatct 540

77

gtctaaatt

549

<210> 131

<211> 539

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33236_at HG-U95Av2

<220>

<221> misc_feature

<222> (31)..(46)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (140)..(234)

<223> n is a, g, c or t

<400> 131

tgagcaacag tgcagaggtg aaacgggagc nnnnnnnnnn nnnnnnggga ggctgttgct	60
atcgggtcaa caacagcttg gaccatgagt accaaccacg gcccgaggag gtgatcatca	120
gttctgcgaa ggagatggtn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntggaaa	240
aggccaaggt tgaagtcggt gtggccacgg cgcttggaat cctgggttgtt gctggatgct	300
cttttgcgat taggagatac caaaaaaag cgacagcctg aagcagccac aaaatcctgt	360
gttagaagca gctgtggggg tcccagtgga gatgagcctc ccccatgcct ccagcagcct	420
gaccctcgctg ccctgtctca ggcgttctct agatcctttc ctctgtttcc ctctctcgct	480
ggcaaaagta tgatctaatt gaaacaagac tgaaggatca ataaacagcc atctgcccc	539

78

<210> 132
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 33243_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 123..137, 235, 244..260, 444, 488..511, 520..534
 <223> n is a, g, c or t

<400> 132
 tgcttctgga attgagttct ccttttaagt accaatgata cttaaatttc tcagaaatgt 60
 aatggtgtgt cattgccttg aaatgcttgc ttagggcttc ttttatgtta tcttaaaaag 120
 tgnnnnnnnn nnnnnnnnttt ttacatcca ttccacatgt aagagacaaa aaagtctaga 180
 ttggtcttga tattgagata ataaaaagta agtagcatta agaaaggtaa caatncttca 240
 ttcnnnnnnn nnnnnnnnnn tgaaacaatt taggggaatg aggggcaaaa ggggagaaat 300
 actgctaaag aacatgagca taaaaatgcg tgcgtttcag tgtttaagaa ggcttgataa 360
 agaatgtcac ttttttatatt aactgataag atttttgtta ttttttactt tgataagtaa 420
 accaaagaat atttgtatatt caancagttt gtgtggtgtt tctatataat tttctgtgta 480
 taaataannn nnnnnnnnnn nnnnnnnnnn ntaaaaaagn nnnnnnnnnn nnnnnnccag 540
 ctatgtcctc taggaaatga cag 563

<210> 133
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 33249_at HG-U95Av2

<220>

<221> misc_feature

<222> 44, 48, 49, 52, 94..135, 188..203, 343

<223> n is a, g, c or t

<400> 133

cacagcatgc agactgggag ttgctagcaa acaaattggct tacntacnna angcagcttt 60

tagttcagac ttagtttttta taaaatggga attnnnnnnnn nnnnnnnnnnn 120

nnnnnnnnnn nnnnncagct ttttgtatta acaaagttac tggctctttg tgtgtctcca 180

ggtaactnnn nnnnnnnnnnn nnncaaagcc atattctaaa ttcactgttg aatgcctgtc 240

ccagtcctaaa ttgtctgtct gctcttattt ttgtaccata ttgctcttaa aaatcttggt 300

ttggtacagt tcataattca ccaaaagttc atataattta aanaaacact aaattagttt 360

aaaatgaagc aatttatatc tttatgcaaa aacatatgtc tgtctttgca aaggactgta 420

agcagatt 428

<210> 134

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33281_at HG-U95Av2

<220>

<221> misc_feature

<222> 31, 86, 91, 109, 112, 113, 179, 242, 243, 250, 258, 260

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 262, 263, 266, 267, 272, 281, 282, 285, 288..291, 293..332, 374

<223> n is a, g, c or t

<400> 134

acccacagga aagagtgtgg cagcaactgc ntggctgacc tttctatctt ctctaggctc 60

80

aggtactgct cctccatgcc catggntggg ncgtggggag aagaagctnt cnnacgcctt 120
cccactccct ctgggtttata ggacttcact ccctagccaa caggagagga ggcctcctng 180
gggtttcccc agggcagtag gtcaaacgac ctcatcacag tcttccttcc tcttcaagcg 240
tnncatgtn aacacagtn tnncnntcc cntgtgattt nnganggnnn ncnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnctatgctt ggtctgactg agcctaaagt 360
tgagaaaatg ggtngccaag gccagtgcc gtgtcttggg gccctttgg ctctccctca 420
ctctctgagg ctccagctgg tcttgggaca t 451

<210> 135
<211> 593
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33295_at HG-U95Av2

<220>
<221> misc_feature
<222> 108, 158, 229, 247, 349..363, 370..455
<223> n is a, g, c or t

<400> 135
cagactgggt gcaggccagg tcccaggcct caccctgggg ctactgtgg gaatttgggg 60
agtggctgcc ctactgacac tgcctgtcac cctggccagt ggtgcttntg gtggactctg 120
caccctgata tacagcacgg agctgaaggo tttgcagncc acacacactg tagcctgtct 180
tgccatcttt gtcttgttgc cattgggttt gtttggagcc aaggggctna agaaggcatt 240
gggtatnggg ccaggcccct ggatgaatat cctgtgggcc tggtttattt tctggtggcc 300
tcatggggtg gttctaggac tggatttcct ggtgaggtcc aagctgttnn nnnnnnnnnn 360
nnntctggcn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntctgc caccaggcca cccgcaccct 480

81

cttgccctct ctgcccctcc ctgaaggatg gtcttctcat ctggacaccc ttggaagcaa 540
atcctagttc tcttcccacc tgtcaacctg aattaaagtc tacactgcct ttg 593

<210> 136
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33304_at HG-U95Av2

<220>
<221> misc_feature
<222> 41, 85, 89, 96, 164..180, 216..231, 330..361
<223> n is a, g, c or t

<400> 136
gttcatccgg cctgagggag agatcacgga ttacagaacc ngggtcagcg gggtcacccc 60
tcagcacatg gtgggggcca caccntttng ccgtgnccag gctagagatc ctgcagctcc 120
tgaaaggcaa gctggtggtg ggtcatgacc tgaagcacga cttnnnnnnnn nnnnnnnnnn 180
acatgagcgg ctacacaatc tacgacacgt ccaactnnnnn nnnnnnnnnn ngtgaggcca 240
agctggacca ctgcaggcgt gtctccctgc ggggtgctgag tgagcgcctc ctgcacaaga 300
gcatccagaa cagcctgctt ggacacagcn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nctatcaaat ctcccagaga atccgagccc gccgaggggt gccccgcctg gctgtgtcag 420
actgaagccc catccagccc gtcccgagg gactagaggc ttccggcttt ttgggacagc 480
aactaccttg cttttgga 498

<210> 137
<211> 503
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33331_at HG-U95Av2

82

<220>

<221> misc_feature

<222> 27, 74, 218, 242, 243, 310, 320..322, 459, 462..464

<223> n i s a, g, c o r t

<400> 137

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gaaggaccca tgtcccagga accgcgntgc gccacctgca ctcaccccc tcacattctc      60

ttaagcaccg ggtngccctc cgaggcctgg cggaatggtg gtgcccacgg ggttgggcaa      120

gggctcacca ggacctcaac gggcaaagtt gtgcacacta aaatatcaaa tcaagggtgt      180

tggttttaaa gtaaattggtt ttctaaagaa agctgtgntc ttctgttgac ccagacgaat      240

anngcacagc cctgtaactg cacgtgcctt ctgtcattgg gaatgaaata aattattacg      300

agaaagggan ttgtcctaan nngtttgagg ccttacagtt ttgtatctac atttttcccc      360

tcctgggggtt tgcgggggaca gggacagaac tacaggagtc atgggaaaga aaattctggc      420

ttcactactg ctcactgctc actttctgat cactctgana cnnntttttt tttttttttt      480

ttgcaacctg ataccttgaa aag                                              503

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<210> 138

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33371_s_at HG-U95Av2

<220>

<221> misc_feature

<222> 206, 236, 247, 359, 370..372, 414, 432..434

<223> n i s a, g, c o r t

<400> 138

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cgacctctca gatattaggg aggttccctt gaaggatgct aaggaatacg ctgaatccat      60

aggtgccatc gtggttgaga caagtgcaaa aaatgctatt aatatcgaag agctctttca      120

aggaatcagc cgccagatcc cacccttgga ccccatgaa aatggaaaca atggaacaat      180

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83

caaagttgag aagccaacca tgcaanccag cgcgcggtgc tgttgacca agggcngtgg 240
tccacgntac ttgaagaagc cagagcccac atcctgtgca ctgctgaagg accctacgct 300
cggtggcctg gcacctcact ttgagaagag tgagcacact ggctttgcat cctggaagnc 360
ctgcaggggn nngggcagga aatgtacctg aaaaggattt tagaaaaccc tggnaaaccc 420
accacaccac cnnnacaaaa tggccttttag tgtatgaaat gcac 464

<210> 139

<211> 69

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33410_at HG-U95Av2

<400> 139

agtgactgtg tttccctcaa agactgtagc tcagtattcg ggagtacott ggtggatcat 60

cctagtggc 69

<210> 140

<211> 133

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33411_g_at HG-U95Av2

<400> 140

ctgtagcgtg aacgtgaact gtgtgaacat cagatgcccg ctgcgggggc tggacagcaa 60

ggcgtctctt attttgcgct cgaggttatg gaacagcaca tttctagagg aatattccaa 120

actgaactac ttg 133

<210> 141

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33439_at HG-U95Av2

<220>

<221> misc_feature

<222> 27, 29, 78..118, 131..147, 159, 160, 379..404, 419

<223> n is a, g, c or t

<400> 141

gaccagggtgc cttgccgcag agaaaancna ccaaagtctc ctgttcgctc ataaagaagt 60

ttttgggatg ggagagannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnntt 120

tttacagagg nnnnnnnnnn nnnnnnncaa cacaaaacnn cttccccctt ttaaaatgat 180

ttctgttcta atgccataga tcaaaggcct cagaaaccat tgtgtgtttc ctctttgaag 240

caatgacaag cactttactt tcacggtggt ttttggtttt tcttattgct gtggaacctc 300

ttttggagga cgttaaaggc gtgttttact tgttttttta agagtgtgtg atgtgtgttt 360

tgtagatttc ttgacagtnn nnnnnnnnnn nnnnnnnnnn nnnngcctat ttaaagacnc 420

tacgtgatct gattgagatg taca 444

<210> 142

<211> 547

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33533_at HG-U95Av2

<220>

<221> misc_feature

<222> 185, 237..266, 304, 305, 317..339, 347..349, 354..356

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 359, 361, 395, 445

<223> n is a, g, c or t

85

<400> 142
aatagtattc cagcagacat tgttttttatc attaaagaca aagatcatcc aaaattttaa 60
agggatggat caaatataat ttactgctaa aattagttta cgagaggaga ttgtgtggcg 120
tgctcaatta atgtaccaac actggatgga agaacatacc tatgtcagta aatgatattg 180
tgaancccg aatgaggaga agaattattg gatatgggct gccatttcca aaaaatnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnntttg aggtgtcctt cccagatact atatcttctt 300
catnnaaaga agtactnnnn nnnnnnnnnn nnnnnnnnna gaatgannna cttnnntana 360
natattttga taaggcactg aaaatataaa aggantggta gtttactgat gtagatgtga 420
attctgtata aagatgtgta aattnttttg agggttcatt aaattgcatg aatagagaca 480
ggtcaaataa ataggcaaaa gggattttta cagttagaga tagaagagaa aaccattcac 540
tgtatatt 547

<210> 143
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33707_at HG-U95Av2

<220>
<221> misc_feature
<222> 26, 86, 109, 168..190
<223> n is a, g, c or t

<400> 143
cgtggccggg ctctactacc cgaagnatag tgcccgaagt tgctgcttgg catagatgag 60
cctcagcttc cagggcactg tgggcntggt ggtctactag ggccctgang tccacctggc 120
cttctgttct ttcactccct tcagccacac gcttcatggc cttgagttnn nnnnnnnnnn 180
nnnnnnnnnn ccaatcacca gtgaccagct agactgtgat tttgatagcg tcattcagaa 240
gaaggcgtcc aaggagctga aggtggtgaa atttgtcctg caggtccctc gggagatcct 300

86

ggagctggag catgagtgtc tgacaatcag aagcatcatg tccaatgtcc agatggccag 360
aatgaatgtg atagttcaga ccaatgcott ccactgtctc tttatgactg cacttctagc 420
cagtagctct gcacaagtta gctctgtaga 450

<210> 144
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33731_at HG-U95Av2

<220>
<221> misc_feature
<222> (72)..(72)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, g, c or t

<400> 144
ctgtgtatgt cagttgctgc agaaatggat ttggaagatg gaggagagat gcccaagcaa 60
cgggatccca antctaacna aacaccatct ggaatcctga tgtggaaagc aggggtttct 120
ggtctactgg ctagagctaa ggaagttgaa aaggaaagct cacttctttg gaggcacctg 180
tccagaagcc tggcctaggc agcttcaacc tttgaactta ctttttgaaa tgaaaagtaa 240
tttatttggt ttgctacata ctgttcaga cttttaaaagg ggacaatgaa ggtgactgtg 300
gggaggagca tgtcaggttt gggcttggtt gttttagaag cacctgggtg tgccctaccta 360
ctcctctttt cttttaaaag ggcccacaat gctccaattt cctgtctcct ttagagagac 420
atgaaact 428

87

<210> 145
<211> 531
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33764_at HG-U95Av2

<220>
<221> misc_feature
<222> 121, 160, 244, 333..365, 415
<223> n is a, g, c or t

<400> 145
gtgtattacc agtattttact tgctttcttg atttcaccaa aaccaaattt aatttaaagg 60
accacattaa tttttcaaag ggaaagagac aattaattgt acataatgta tacacacaca 120
naaaaaaaaaa tacctgtaga aatattattc cagcatagcn ggaaaacaaa caaaagtatt 180
ggactgtcgg aggtgagcct gtgcgtctgt aaccctttgt gactcctgag cgtgcgctgt 240
cttnctaggt taactcacga agtacattct ctgtcttact gatactgtag gttcacccat 300
tttttttttaa tttcctcgca aataacaaga ccnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnttctt ttatatgcag caaacacacc gtccatttct gaagaggctt cggcntgaag 420
gcattttoca atgatgtag tgcacaaaac gcttttaaatt agactggaac tgccagaatc 480
aaatgtaa at gaggaatttc tcgtaccctt actgcatggt atcgattttt a 531

<210> 146
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33772_at HG-U95Av2

<220>
<221> misc_feature
<222> (161)..(161)
<223> n is a, g, c or t

<400> 146
ttgcttccag gtgtgcctgg catgggcctg gcccaggaag acaccacctc actgaggact 60
ttgcgaatat cagagacctc agactcttca cagggtcagg actcagagag tgtcttactg 120
gtggatgagg ctggtgggag cggcagggct gggcctgccc ntaaggggag ctccctgcaa 180
gtcacatttc ccagtgaac actgaactta tcagaaaaat gtatataata ggcaaggaaa 240
gaaatacagt actgtttctg gacccttata aaatcctgtg caatagacac atacatgtca 300
catttagctg tgctcagaag ggctatcatc atcctacaac tcacattaga gaacatcctg 360
g 361

<210> 147
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33790_at HG-U95Av2

<220>
<221> misc_feature
<222> (145)..(163)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 174..190, 192..286
<223> n is a, g, c or t

<400> 147
cccacagcat gaagatctcc gtggctgcca ttcccttctt cctcctcatc accatcgccc 60
tagggaccaa gactgaatcc tcctcacggg gaccttacca ccctcagag tgctgcttca 120
cctacactac ctacaagatc ccgcnnnnnn nnnnnnnnnn nnntactatg agannnnnnn 180
nnnnnnnnnn annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

89

nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnagaa ctgagtgacc 300
cagaaggggt ggcgaaggca cagctcagag acataaagag aagatgccaa ggccccctcc 360
tccaccacc gctaactctc agccccagtc accctcttgg agcttccctg ctttgaatta 420
aagacc 426

<210> 148
<211> 129
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33791_at HG-U95Av2

<400> 148
agaatatcta gcatgtaagg cctttcaata ttaatataag cccaatatca gctctttctc 60
tttgtatttc atctctttct actctcctat ttgtattttg tgttcctatc aaagtgtcgt 120
atctgggag 129

<210> 149
<211> 517
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33802_at HG-U95Av2

<220>
<221> misc_feature
<222> (32)..(32)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (42)..(58)
<223> n is a, g, c or t

90

<220>

<221> misc_feature

<222> (60)..(62)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (400)..(400)

<223> n is a, g, c or t

<400> 149

ttctttctag agaggggaatt ctcttggtg gnttccttac cnnnnnnnnn nnnnnnnntn	60
nngggcctcc agccctctca ctgtgtccct ctctctggaa aggaggaagg agcctatggc	120
atcttcccca acgaaaagca catccaggca atggcctaaa cttcagaggg ggcgaaggga	180
tcagccctgc cttcagcat cctcagttcc tgcagcagag cctggaagac accctaattgt	240
ggcagctgtc tcaaacctcc aaaagccctg agtttcaagt atccttggtg acacggccat	300
gaccactttc cccgtgggcc atggcaattt ttacacaaac ctgaaaagat gttgtgtctt	360
gtgtttttgt cttatttttg ttggagccac tctgttctn gctcagcctc aaatgcagta	420
tttttggtgt gttctgttgt ttttatagca gggttggggg ggtttttgag ccatgcgtgg	480
gtggggaggg aggtgtttta cggcactgtg gccttg	517

<210> 150

<211> 528

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33803_at HG-U95Av2

<220>

<221> misc_feature

<222> (186)..(186)

<223> n is a, g, c or t

91

<400> 150
 tttctaccat ttcagagagg ccttttggaa tgtggcccct gaacaagaat tggaagctgc 60
 cctgcccattg ggagctgggt agaaatgcag aatcctaggc tccaccccat ccagttcatg 120
 agaatctata ttttaacaaga tctgcagggg gtgtgtctgc tcagtaattt gaggacaacc 180
 attccnagac tgcttccaat tttctggaat acatgaaata tagatcagtt ataagtagca 240
 ggccaagtca ggcccttatt ttcaagaaac tgaggaattt tctttgtgta gctttgctct 300
 ttggtagaaa aggctaggta cacagctcta gacactgcca cacagggtct gcaagggtctt 360
 tggttcagct aagctaggaa tgaaatcctg cttcagtgtg tggaaataaa tgtatcatag 420
 aaatgtaact tttgtaagac aaagggtttt ctcttctatt ttgtaaactc aaaatatttg 480
 tacatagtta tttattttatt ggagataatc tagaacacag gcaaaaac 528

<210> 151
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 33849_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 392..394, 396, 398, 399, 401..403, 405, 445..448, 553
 <223> n is a, g, c or t

<400> 151
 tcttactgga atgtctaggc actgtacagt tattatatat cttgggtggt gtattgtacc 60
 agtgaaatgc caaatttgaa aggctgtac tgcaatttta tatgtcagag attgcctgtg 120
 gctctaatat gcacotcaag attttaagga gataatgttt ttagagagaa tttctgcttc 180
 cactatagaa tatatacata aatgtaaaaa acttacaaaa gtggaagtag tgtattttta 240
 agtaattaca cttctgaatt tatttttcat attctatagt tggatgact taaatgaatt 300
 actggagtgg gtagtgagtg tacttaaag tttcaattct gttatatttt ttattaagtt 360

92

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tttaaaaaat taaattggat attaaattgt annnananna nnnantaatt ttaaactgaa      420
tgccctcaat aagtaatact gaagnnnnntt cttaaatagaa gataaattat ctccaatgaa      480
aagcatgaca tgtgtttcaa tagaagaatc ttaagttggc taaattcaaa gtgcttgaca      540
tcaaaatgtt ctngagtgat tagctactag attctgaatc atacatcaca tctgactaga      600
gaccag                                           606

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<210> 152
<211> 440
<212> DNA
<213> Homo sapiens

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<220>
<223> Probe 33862_at HG-U95Av2

```

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<220>
<221> misc_feature
<222> (407)..(408)
<223> n is a, g, c or t

```

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<400> 152
tcacttggcg aggagccgc ctgctcggc cctcctgca gttcacctg atcatgatgg      60
ccttctacac gggactgtct cgcgtatcag accacaagca ccatcccagt gatgttctgg      120
caggatttgc tcaaggagcc ctggtggcct gctgcatagt tttcttcgtg tctgacctct      180
tcaagactaa gacgacgctc tccctgcctg cccctgctat ccggaaggaa atcctttcac      240
ctgtggacat tattgacagg aacaatcacc acaacatgat gtaggtgcca cccacctcct      300
gagctgtttt tgtaaaatga ctgctgacag caagttcttg ctgctctcca atctcatcag      360
acagtagaat gtagggaaaa acttttgccc gactgatttt taaaaannaa aaaaaaatg      420
ttttactatg tggccttcca                                           440

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93

<210> 153
<211> 518
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33900_at HG-U95Av2

<220>
<221> misc_feature
<222> 31, 39, 41, 50..52, 58, 61, 63..69, 71..77, 79, 82..89
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 91, 92, 95, 117..209, 319..339, 398..412
<223> n is a, g, c or t

<400> 153
tgtgacatcc ggagtcctgg agccgggtgt nccagtggna ncactaggtn nntgctgnct 60

ncnnnnnnng nnnnnnnncn annnnnnnnt nnttngtccc ccacaacctg ccccggnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnt tctcccacga cggtcaccc tcccctccat 240

ctgcgttgat gtcagaatc gcctacctgt gcctgcgtgt aaaccacagc ctgagaccag 300

ctatggggag aggacaacnn nnnnnnnnnn nnnnnnnnnc ggtctggggg gaggagtgtg 360

gggagcttgg gcatectcct ccagcctcct ccagccennn nnnnnnnnnn nncctgtggt 420

gccagaaaa gtgcccctag gttggtgggt ctacaggagc ctgagccagg cagcccaccc 480

caccctgggg ccctgcctca ccaaggaaat aaagactc 518

<210> 154
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33925_at HG-U95Av2

94

<220>
<221> misc_feature
<222> (180)..(180)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (306)..(308)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (199)..(199)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (322)..(323)
<223> n is a, g, c or t

<400> 154
ttgggtttcgg acgacccttg ctctgaccgg aagagaagtc cctatcccac acctgcctgt 60

cacgttcctt cccctttccc cagcgactg ttgagggcag cctctccagc tctcttgttt 120

atgcaaacgc cgagcgccctg ggaggctcgg taggaggagt cttccacggc cccgccccgn 180

ccctgtcggg cccgcccctnc cccccgccgg gctcctgggg ctgtggccga aaggtttctg 240

atctccgtgt gtgcatgtga ctgtgctggg ttggaatgtg aacaataaag aggaatgtcc 300

aagtgnnnaa aaaaaaaaaa annaggaggagt ttgggtgcac aaggcctccg c. 351

<210> 155
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 33943_at HG-U95Av2

95

<220>

<221> misc_feature

<222> (33)..(63)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (123)..(123)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (144)..(144)

<223> n is a, g, c or t

<400> 155

gtgaccacgt gaccaacttg cgcaagatgg gannnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnttgacaa gcacaccctg ggagacagtg ataatgaaag ctaagcctcg ggctaatttc 120

ccnatagccg tggggtgact tccontggtca ccaaggcagt gcatgcatgt tggggtttcc 180

tttacctttt ctataagttg taccaaaaaca tccacttaag ttctttgatt tgtaccattc 240

ttcaaataaaa gaaatttggt acccaggtgt tgtctttgag gtcttggtatg aatcagaaat 300

ctatccaggc tatcttccag attccttaag 330

<210> 156

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34022_at HG-U95Av2

<220>

<221> misc_feature

<222> 33, 39, 42, 46, 53, 60, 65, 93

<223> n is a, g, c or t

96

<400> 156
 gtatcattga cacttctgc aggggtggcc ctngccctna cnaganctga aantgaaan 60
 gagancagca gctttctagg gacagctgga aanggactta atgtgtttga ctatttctta 120
 cgagggttct acttatttat gtatttattt ttgaaagctt gtattttaat attttacatg 180
 ctgttattta aagatgtgag tgtgtttcat caaacatagc tcagtcctga ttatttaatt 240
 ggaatatgat gggtttttaa tgtgtcatta aactaatatt tagtgggaga ccataatgtg 300
 tcagccacct tgataaatga caggggtggg aactggaggg tgggggggatt gaaatgcaag 360
 caattagtgg atcactgtta gggtaaggga atgtatgtac acatctattt ttatacttt 420
 ttttttaaaa aaagaatgtc agttgttatt tattcaaatt atctcacatt atgtgttcaa 480
 catttttatg ctgaagtttc ccttagacat tttatgtctt gcttgtaggg cataatgcct 540
 tgtttaatgt ccattctgca gcgtttctc 569

<210> 157
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 34075_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 40..70, 330, 331, 344, 346, 347, 357
 <223> n is a, g, c or t

<400> 157
 aggacaacga ctaccaccgc agcgacgagc aggtgagcan nnnnnnnnnn nnnnnnnnnn 60
 nnnnnnnnnn cgggctgaag cggaagtgga tccgctgctc agcccaggcg accgtcttgc 120
 atctgaagaa gttcatcgcc aaaaaactca acctttcatc cttaacgag ctggacattt 180
 tatgcaacga ggagatcctg ggcaaggacc acacactcaa gttcgtgggt gtcactaggt 240
 ggagattcaa gaaggcgccg ctccctgctgc actacagacc caagatggac ttgctgtgaa 300

97

tggtgccaca cagcgcccac agactgggcn ntcgcaccct tggntnntcc cggccgncgc 360

gcttaagaac attgcctctg ggtgtcatgt ggaccagact tctgaataga 410

<210> 158

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34082_at HG-U95Av2

<220>

<221> misc_feature

<222> 96, 97, 99, 113, 115, 120..178, 238..252

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 313, 522, 536, 542

<223> n is a, g, c or t

<400> 158

actctgtgcc cgaatggtgg tgcagcgccc ctgtcctggt tgtgttgta cgtgtttgac 60

cagcacaggg gtccggtggg gaaaatgtat gggttntnt cagttgttgc tantnctgan 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnat 180

gattgtgttt aggtttgaaa ttgctcaagt gtctggctca ggtggtggtt ctgagacnnn 240

nnnnnnnnnn nngagcccag atgcttaggt ccactagggc ccatctaggg aagggaaggg 300

agatttcagc ggnttccccg aaaggaacag gactgtcggg atgcttcccc gatgtctaca 360

gttgccccctt cctgcagtga gattactgct tcctgtttcc ctccagctct tcccagcagc 420

agtgagggag tattaagagg gatcttgtag tcgctgcctg gctcttgtgg gcggcccttt 480

aagactcagg ttgagctcag ccaagtcccc cttagcgcag gntttgattc aaggtngtca 540

gnaagttaga ttgtcaaaac atttcgagag agaggcag 578

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98

<210> 159
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 34209_at HG-U95Av2

<220>
 <221> misc_feature
 <222> (196)..(196)
 <223> n is a, g, c or t

<400> 159		
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cagcaaaactg cagtggcaga aaggagggttc agaggctggg aaagtgggcc tccccttgca		120
actcagagct gctgcactca ggagggcccc atccaatccc gggcccctgc agggaaaagc		180
gctgggtgtg tgtcanaggc gcagggtggg tggggctgcc agccaggacc ctggcctgca		240
gcctgatcca aaccaaagac tgtagaacc tgggggtgtg ctaacggccc ctccagcacc		300
catagccagg tcttcctggc ccttgaggct gggctggcgg acaggcacct acc		353

<210> 160
 <211> 529
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 34232_at HG-U95Av2

<220>
 <221> misc_feature
 <222> (43)..(57)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (116)..(130)
 <223> n is a, g, c or t

<220>

<221> misc_feature

<222> (217)..(274)

<223> n is a, g, c or t

<400> 160

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gtaaagtgtt gggatgaagt gggaaacagg acagcagctc tgctagcttg gctagnnnnn      120
nnnnnnnnnn cgggaagaag gaggtggctg agaagagcca gatcaacctc attgataaga      180
aatggaagcc cctgcaaggt gtggggaacc tggcagnnnn nnnnnnnnnn nnnnnnnnnn      240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaatgaa accacaaggc ttgagaatag      300
aaattaaaag caaaaataaa gttcggcctg ggtctctctt tgatgaagta agaaagacag      360
cacgcttaaa ccgtagacca agaaatcagg agagttcaag tgatgagcag acgcctagtc      420
gggatgatga tagccagtcc aggagtccaa gtagatctcg aagtaaattt gaaaccaaatt      480
caagacacag aacaaggtct gtctcctata gtcactcaag aagtcgatc                    529
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<210> 161

<211> 487

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34261_at HG-U95Av2

<220>

<221> misc_feature

<222> (425)..(427)

<223> n is a, g, c or t

<400> 161

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ctctaactgg cctggctctg gaagggctgg tgaggactct gcctccttgc ctgcctacaa      60
ggtgccctgg ttgcagcagg ctctccgctc tttccagcaa agctgctcag agaggggtgc      120
```

100

cagcacagtg gagaggccgg aagtgagacg ggcagacggc acctgcagcc tgaaacgcac 180
cgctcctgcg tgcgccccca cctgggtccc ggatgcccc accacctgga cagaggccac 240
actgactgcc caccagctg tggcgggagg tgcagagcag agggctttag ggagcagtga 300
ctgcgggtcac ccctttagtt ctctgggtgt agaccacacc acctcccact gggcaccccc 360
caacacggtg tcctgccacc cagcgcttg ctccaggaaa acacgcttgc cttccttccc 420
ggcannntcg ccactctct tatggactct gttctgtttg tacatggctg acggaaatct 480
ctttggt 487

<210> 162
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 34265_at HG-U95Av2

<220>
<221> misc_feature
<222> (352)..(385)
<223> n i s a , g , c o r t

<400> 162
gatgctagac gaaaaccac attacctgtt aggcctcagc atggcttatg tgcacgtgta 60
aatggagtcc ctgtgaatga cagcatgttt cttacataga taattatgga taaaaagcag 120
ctgtatgtag atagtgtatt gtcttcacac cgatgattct gctttttgct aaattagaat 180
aagagctttt ttgtttcttg ggtttttaaa atgtgaatct gcaatgatca taaaaattaa 240
aatgtgaatg tcaacaataa aaagcaagac tatgaaaggc tcagatttct tgcagtttaa 300
aatggtgtct gaggttgtag tattttggcc aagtctgtag aaagctgtca tnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnntgggc attgttatat accagtaaag aaggctgtac 420
tcaagaggag gagctgacac atttcacttg gctgcgtctt aataaacatg aatgc 475

101

<210> 163
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 34272_at HG-U95Av2

<220>
<221> misc_feature
<222> (46)..(62)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 331..346, 349..370
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (378)..(378)
<223> n is a, g, c or t

<400> 163
tgaattcatc tcagtcagg caaccaaaga ggtgaacctg gattcnnnnn nnnnnnnnnn 60
nncaagccgg aacatgctag agcctacaat aacctgcttt gatgaggccc agaagaagat 120
tttcaacctg atggagaagg attcctaccg ccgcttcctc aagtctcgat tctatcttga 180
tttgggtcaac ccgtccagct gtggggcaga aaagcagaaa ggagccaaga gttcagcaga 240
ctgtgcttcc ctggtccctc agtgtgccta attctcacct gaaggcagag ggatgaaatg 300
ccaagactct atgctctgga aaacctgagg nnnnnnnnnn nnnnnnatnn nnnnnnnnnn 360
nnnnnnnnnn attgtagnct aatattcatg ctgcctgccca tgt 403

<210> 164
<211> 596
<212> DNA
<213> Homo sapiens

102

<220>

<223> Probe 34273_at HG-U95Av2

<220>

<221> misc_feature

<222> (512)..(571)

<223> n is a, g, c or t

<400> 164

tgatttgacc actgacagcc tccaccttga gcactattct aaggagcaaa taccttagct	60
cccttgagct ggtttttctct gatggcactt ttgagctcct aagctgccag ccttcccttc	120
ttttcctggg tgctcagggc atgcttatta gcagctgggt tggatggag ttggcagaca	180
ggatgttcaa cttaatgaag aaatacagct aaggccttgc cagcaacacc tgccgtaagt	240
tactggctga gtgagggcat agaagttaa gggtactgtt tttatcctct atcctttttt	300
cctttcctga tcaaggtgct cttctcattt tttcctgaga accttagcca tcagatgagg	360
ctccttagtt tattgtgggt gggtgttttt tctttataat ggctctgggc tatatgccca	420
tatttataaa ccagcagcag gggaaagatt atattttata agagggaaca aattttcaca	480
atttgaaaag cccacataag ttttctcttt tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nctttttagg ctctgagact aaatga	596

<210> 165

<211> 568

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34288_at HG-U95Av2

<220>

<221> misc_feature

<222> 39, 41..43, 45, 394..418, 428..443, 493..512

<223> n is a, g, c or t

103

<400> 165
tttgcaacag gcagagctgt gtcgcacagc agtgctgtnc nnnanagcca gctgaggaca 60
ggcttgccctg gacttctgta agataggatt ttctgtgttt cctgaatttt ttatatgggtg 120
at ttgtat ttt aaattttaag actttat ttt ctcactattg gtgtacctta taaatgtatt 180
tgaaagttaa atatatttta aatattgttt gggaggcata gtgctgacat atattcagag 240
tg ttgtagtt ttaagg ttag cgtgacttca gttttgacta aggatgacac taattg ttag 300
ctg ttttgaa attatatata tataaatata tataaatata taaatatatg ccagtcttgg 360
ctgaaatgtt ttattttacca tagttttata tctnnnnnnn nnnnnnnnnn nnnnnnnnat 420
atggaacnnn nnnnnnnnnn nnntgcagtt tgtgacatta atagtattgt aaagttacat 480
tttaaaataa acnnnnnnnn nnnnnnnnnn nnaaatctgc acacacaacg aacagttgca 540
tttcagagag ttctctcaat ttgtaagt 568

<210> 166
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 34304_s_at HG-U95Av2

<220>
<221> misc_feature
<222> (139)..(166)
<223> n is a, g, c or t

<400> 166
agtacttgct aaaaatggca acagaggagt gaggagtgct gctgtagatg acaacctcca 60
ttctatttta gaataaatc ccaacttctc ttgctttcta tgctgtttgt agtgaaataa 120
tagaatgagc acccattcnn nnnnnnnnnn nnnnnnnnnn nnnnnncatg tttgaaatga 180
ggctctgttta aagtggcaat ctcagatgca gtttgagag tcagatcttt ctccttgaat 240
atctttcgat aaacaacaag gtggtgtgat cttaatatat ttgaaaaaa cttcattctc 300

104

gtgagtcatt taaatgtgta caatgtacac actggtactt agagtttctg ttt 353

<210> 167

<211> 508

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34375_at HG-U95Av2

<220>

<221> misc_feature

<222> (33)..(33)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (189)..(189)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (199)..(199)

<223> n is a, g, c or t

<400> 167

ccagatgcaa tcaatgcccc agtcacctgc tgntataact tcaccaatag gaagatctca 60

gtgcagaggc tcgcgagcta tagaagaatc accagcagca agtgtcccaa agaagctgtg 120

atcttcaaga ccattgtggc caaggagatc tgtgctgacc ccaagcagaa gtggggttcag 180

gattccatng gaccacctng gacaagcaaa cccaaactcc gaagacttga acactcactc 240

cacaacccaa gaatctgcag ctaacttatt ttcccctagc tttcccaga caccctgttt 300

tattttatta taatgaattt tgtttggtga tgtgaaacat tatgccttaa gtaatgttaa 360

ttcttattta agttattgat gttttaagtt tatctttcat ggtactagtg ttttttagat 420

acagagactt ggggaaattg cttttcctct tgaaccacag ttctaccctt gggatgtttt 480

105

gagggtcttt gcaagaatca ttaataca

508

<210> 168

<211> 530

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34390_at HG-U95Av2

<220>

<221> misc_feature

<222> 34, 39, 40, 44, 464..478

<223> n i s a, g, c o r t

<400> 168

gtacagctgt gttctgttac aacctcttgc ggancggggn aagntgacta ccgaacaaga 60

catgctgcct gccctgtgct tgtgggctgc aagtgggtct ccaataagtg gttccatgaa 120

cgaggacagg agttcttgag accttgtgga tcaacagaag ttgactgaca tccttttctg 180

tccttccctt tcctggctct tcagcccatg tcaacgtgac agacaccttt gtatgttctt 240

ttgtatgttc ctatcaggct gatttttggg gaaatgaatg tttgtctgga gcagagggag 300

accatactag ggcgactcct gtgtgactga agtcccagcc cttccattca gcctgtgcca 360

tccctggccc caaggctagg atcaaagtgg ctgcagcaga gttagctgtc tagcgcttag 420

caagggtgctt ttgtacctca ggtgttttag gtgtgagatg tttnnnnnnn nnnnnnnnct 480

gataccttgt ttacatgttt gtttttatgg catttctatc tattgtggct 530

<210> 169

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34432_at HG-U95Av2

106

<220>

<221> misc_feature

<222> (218)..(218)

<223> n is a, g, c or t

<400> 169

caggtggctc ccagctgcat tctgagaact ctgtgattgg gcaaggccct cccctgcccc 60

accagcccc acccgctgg agacacaccc tccccacaa tctttctaga caggtgcttc 120

aggacagagg acaggcatgg cttccccttg ggcctcctca gtaggcggtc tggcctgacc 180

cccaacaaag aagcctggag gtcagagaag caaatgcnga gcctgctccc tcctaagaag 240

atcccaagaa tccaatggct cagtccttgg tgatctaaga cagcaaagaa gtgtgcaagg 300

agggccctgt tagctccac tgtcctgggt tctcctcctg gagtctaatt tccttgcccc 360

tctgagcctt ttgagtctgg gccctggtcc aatgctgctg ttgt 404

<210> 170

<211> 76

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34636_at HG-U95Av2

<400> 170

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acctgggacc ttactc 76

<210> 171

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34666_at HG-U95Av2

107

<220>

<221> misc_feature

<222> 129, 135, 136, 140, 142, 147, 149

<223> n is a, g, c or t

<400> 171

tgctctattg tagcatttct tgatgttgct tagtcaactta tttcataaac aacttaatgt 60

tctgaataat ttcttactaa acatttttgtt attgggcaag tgattgaaaa tagtaaattgc 120

tttgtgtgna ttgannctgn anttggnchna ttttcttcag agagctaaat tacaattgtc 180

atttataaaa ccatcaaaaa tattccatcc atatactttg gggacttgta gggatgcctt 240

tctagtccta ttctattgca gttatagaaa atctagtctt ttgccccagt tacttaaaaa 300

taaaatatta acactttccc aagggaaca ctcggctttc tatagaaaat tgcacttttt 360

gtcgagtaat cctctgcagt gatacttctg gtagatgtca cccagtgggt tttgttaggt 420

caaatgttcc tgtatagttt ttgc 444

<210> 172

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34678_at HG-U95Av2

<220>

<221> misc_feature

<222> 158, 161..164, 166..171, 173..177, 179..186, 188..191

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 193..198, 200..214, 218..234, 432..454, 457..491

<223> n is a, g, c or t

<400> 172

ccgaactatt tgtcaatgaa gattgtaaag ccaaattgtt acaaaggca aaggcttcat 60

108

ttcaagagtc atccagcaat gagagaatcc tgcctctgta gaccaacatc cagtgtgatt 120
ttgtgtctga gaccacaccc cagtagcagg ttacgccttg nnnncnnnnn ncnnnnntnn 180
nnnnnngnnn ntntnnnnn nnnnnnnnnn nnnnaacnnn nnnnnnnnnn nnnntgttat 240
ctcttaagta ttaaaagttt tattttctaa agtttaaadc atgtttttca aaatattttt 300
caagggtggct ggttccattt aaaaatcatc tttttatatg tgtcttcggt tctagacttc 360
agcttttgga aattgctaaa tagaattcaa aaatctctgc atcctgaggt gatatacttc 420
atatttgtaa tnnnnnnnnn nnnnnnnnnn nnnnaannnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn ngcccacaac cattgctata ttttgtagg a 521

<210> 173

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34690_at HG-U95Av2

<220>

<221> misc_feature

<222> 120..139, 340..343, 345..348, 366, 375

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 385, 409, 420, 428

<223> n is a, g, c or t

<400> 173

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ttgaggggga gtgagtttta ggaaagggga attaagattc caggagagc tctggggatn 120
nnnnnnnnnn nnnnnnnnt ctctcccaa gcccttttt agtgactaag tcaaggcccc 180
aactccctc cccacccta cgctgagctt attcgagttc attcgacta ataatccctc 240
ctgcggcttc ctcatgttg ctgttttagg ccacccagc tcagccaatg attcctttcc 300

109

ctctgaatgt cagttttggt tttaaaagtc acttgcttan nnnannnnag cgtatgtgta 360
 ttgngngggg aaaancctaa tttcngggga tttctgtggt aggtaatang gagaagaaan 420
 gggcactngg gggctgttct ccttccttcc ctggg 455

<210> 174
 <211> 549
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 34720_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 35, 38..73, 118..140, 264..305, 458, 476..480, 483, 485
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> 488..490, 492, 494..499, 501..504, 506..512, 514..516
 <223> n is a, g, c or t

<400> 174
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 nnnnnnnnnn nnncaactctg atttctaaaa gttaaaaaaa atatatgaaa tctctgtnnn 120
 nnnnnnnnnn nnnnnnnnnn ttattaaatt tcggccctta acccagcctt ttccagtgtg 180
 taaccagtt tgaaatctta aaaaaagaaa aaatgaaaaa aaaaggaaaa aaagaaaaaa 240
 ggaaaaaac agtttgaaca caannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnctctg catgcaacag taaaaattaa tataatattt tccccacaaa agaaacactt 360
 aacagaggca agtgcaattt ataaatttat atctaaaggg gaatcatgat tataagtcct 420
 tcagcccttg gactctaaat tgaggggatt aaaaagantt taaaataatt ttgaannnnn 480
 ttntntnnn cncnnnnnnn nnnngnnnnn nnannncatt aattcaagac aaatccatgt 540
 ggcttgagg 549

110

<210> 175

<211> 573

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34748_at HG-U95Av2

<220>

<221> misc_feature

<222> (85)..(85)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (87)..(104)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (160)..(174)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (348)..(348)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (489)..(489)

<223> n is a, g, c or t

<400> 175

tgctcagcaa aattggtgag tacctgttct gggcagggtcc cacgctatat gcacaaagtt 60

aagaaaaact tggctcttagc ccttngnnnn nnnnnnnnnn nnnngggcat taaggcaaag 120

tagttccagt gatttaaaat acggttccaa atacgctaan nnnnnnnnnn nnnnaccaga 180

111

tttacagatt ggaaatactg cagatgatgt gaagttatca gttggaggag ctgtgattaa 240
gctggataat aagagaacgt gccatctgta aagcactcag aaggcagcca tccctagatg 300
ttggtttcat gtatattaca ctatctacta ctatccataa atgcaatnat atgcatgtta 360
acaacattaa aaacagcaaa cagcaatcta agtacagaaa agctttttgt gtgttttaaaa 420
aaattgaaga aaattcagga agaaacgtgt taataaacat tgtactgttc ttttgcttct 480
caaaggaant attcacttgc cactttgggtt atttttgagt. tttcgtacat aggaagtttt 540
atattgccag ccttcctgtg ataaagatat taa 573

<210> 176

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34759_at HG-U95Av2

<220>

<221> misc_feature

<222> (128)..(197)

<223> n is a, g, c or t

<400> 176

caaattgcc a tggtatgggt ctgccttgaa acagcacaat gaagtgtatc agtatattct 60
gtgattatga aacttatatg ttgtgttgtt ttgtgtcttc tgttgacctg cctttgggcc 120
agatgtgnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnntta cctaactttt tgtatgtttt catgactgtg tgttattttc 240
caaagctgtt cctacctcac catgaggctt tatggattgt t 281

<210> 177

<211> 538

<212> DNA

<213> Homo sapiens

112

<220>

<223> Probe 34760_at HG-U95Av2

<220>

<221> misc_feature

<222> 294, 296, 299..303, 509, 510

<223> n is a, g, c or t

<400> 177

cttgtagtga gcagtgtatg gtctcttttg ttcagaattt aaaactgata accaatgaaa	60
gcctttttctc ttattcctct accgtcattt acatgataat ctgaagctaa tatgacaata	120
tttaaatact aagtgggtact aggggaactac aagaatactg taaagcttaa gccattgtta	180
tcactgtcat ttagcattta ataacaaaac tatacagaat tatgtgcata ccaatgaatg	240
ttttgtacca tctagttaaa ttttttaaat aaagttttat gggttaagca gaananaann	300
nnnatactga attttattaa aagtatatat acttcaaatt caaagcatcc ctaggaccc	360
acagaatata ttaaaaactac cacccttaaa ttttatattt ttgctttaag acagacaatg	420
caaaggtaac tggcaagagg tgagcaaatg ttttagaaca tttatattat tgcttaaaat	480
gagatttgaa attgtaataa aattcttgnn tatgaagtct gatgtcttct ctgagcac	538

<210> 178

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34876_at HG-U95Av2

<220>

<221> misc_feature

<222> 222, 228, 241..244, 266..303

<223> n is a, g, c or t

<400> 178

tgaggtgccc aacaccatt catctcaagt gcttcagtct ttggtttatt tcatgcactg	60
--	----

113

tgccttcaaa atgaaatddd taaaaggac tttaaataa gttgaatagt agtttttaaa 120
agtcaattdg taattdtatgt gaaatctaac tgtaatgagg tccttdtctgt ttttdtatatg 180
taaacagatc tactaatcct gtataaaaagt tatttdtacga anaaaaanaa aaaaaaaaaa 240
nnnnctcata atcttdtdttdc agatgnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnntattdtag ttdtdtctgcc tatgctagtg gaaaaatagt accaggatca gaatacaggg 360
tatcacctat ggaatgtdtdc tgtattdtatg aattgactca aaagaaagct ttgtdtdtga 420
aatcgcat 428

<210> 179

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34886_at HG-U95Av2

<220>

<221> misc_feature

<222> (197)..(216)

<223> n is a, g, c or t

<400> 179

atcacacaga tcaggcagtg tttaaataa tggtaggtag cacagtggac agtcttdgat 60
catcatgtag aatatggcta tgaatcagga aagagattag aacatttaat aatgtatgta 120
cagctgggtgc ttagtdtdtdt tttaatactaa atttaattac cttattggat atttgatatt 180
tggtdatttda atcacannnn nnnnnnnnnn nnnnnnctga ttggtgtdtdt atctcctgtg 240
atccttdtgat ggcttdtdtdt gcctaccatt tcacagaggt ttagacagca gtagtagctc 300
cctaggagag ttdtactgatg aaacagcctc tgcaaga 337

114

<210> 180
 <211> 528
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 34887_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 361..367, 371..374, 376, 377, 379..383, 385..387, 499
 <223> n is a, g, c or t

<400> 180
 gcactaccat agctacatca gtttgatata gtattgaaaa attatcagtt atattttgct 60
 gtttatgatc tatttgtaga ttaggattaa aatggattta atccattttt aaggctgtgt 120
 gaatttttct aaacaagaac catttgcaat atggatttct tagagattaa accaattata 180
 acttatttagc agtcgcgagc acatgttcat atagtcaatg taaaaatata ctaatgagta 240
 tttggtaa at cccagtaggc ttttaccatt agcataattt tgtgtgtgtac aattaagtta 300
 caattacatc tctaattttg gataatattc attggttaac aataaagtga caaaagctca 360
 nnnnnnnaaa nnnnanngnn nnnannnaac atggattttt tgtatgtttc ttgaaaatta 420
 caatctttat cacagccatg aatcaccaca acttaaaagt aagaagtaga taggaaataa 480
 ttttaa atcc tcatagatnt actctttccc cgatacctct ttggtatg 528

<210> 181
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 34916_s_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 203, 205..207, 212..287, 319, 325
 <223> n is a, g, c or t

115

<400> 181
ccaactgcac cttggctggg aagcacaccc tgcagccggc cagcaatagc tcggacgcaa 60
tctgtgagga cagggacccc ccagccacgc agccccagga gaccagggc cccccggcca 120
ggcccatcac tgtccagccc actgaagcct ggcccagaac ctacagggga ccctccaccc 180
ggcccgtgga ggtccccggg ggnccnnccg tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnccg agggaccaga 300
ggctgcccc cgatgccna caagccccct gggggaggca gtttccggac ccccatccaa 360
gaggagcagg ccgacg 376

<210> 182
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 34975_at HG-U95Av2

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, g, c or t

<400> 182
cagatctgtc atgtatccct aaaaggaggg agctggccac tggtctnttg gaaagccatg 60
agtatatagt tagcaaatac tgaactttct cagatatggc attagatgca agacaacctc 120
ctagggattg atgcctaact gatggattct ctttgagact atttagatat tatgtgagca 180
atttaaagac cagatctaag caaatTTTga aatagatggt tgttttttgt atttctcagt 240
atggaaacta atgctgccac tctcatcccc gtcccaacca tctctgtcaa aaatatacct 300
ttttcatatg atattctgag ctaatctgat aaaatctatg ccaatatata ctattgcttg 360
tgt 363

116

<210> 183
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35017_f_at HG-U95Av2

<220>
<221> misc_feature
<222> 82, 102, 107, 108, 134, 323
<223> n is a, g, c or t

<400> 183
tacctggagg gcacctgcat ggagtggctc cgcagacacc tggagaacgg gaaggagacg 60
ctgcagcgcg cggaccccc cnaagacaca cgtgaccac cncctnnct ctgaacatga 120
ggcataacga ggtinctgggt tctgggcttc taccctgcgg agatcacatt gacctggcag 180
cgggatgggg aggaccagac ccaggacatg gagctcgtgg agaccaggcc cacaggggat 240
ggaaccttcc agaagtgggc ggttgtggta gtgccttctg gagaggaaca gagatacaca 300
tgccatgtgc agcacaaggg gentgcccaa gccctcatc ctgagatggg agccctctcc 360
ccagcccacc atccccattg tgggtatcat tgctggcctg gttctccttg g 411

<210> 184
<211> 545
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35025_at HG-U95Av2

<220>
<221> misc_feature
<222> (226)..(265)
<223> n is a, g, c or t

<400> 184
tttctggagg tctctgaacc cagggaagac aagaaggaaa gattttgttg ttgtttgttt 60

117

atttggtttc cccagtagtt agctttcttc cctggattcc tcacttttga agagtgtgag 120
 gaaaacctat gtttggcgct taagctttca gctcagctta atgaagtgtt tagcatagta 180
 cctctgctat ttgctgttat tttatctgct atgctattga agtttnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnntaatc ttacaaagtg tcttggaatt gtaggtgact 300
 attatttttc caagaaatat cccttaagat attaactgag aaggctgggg gttaaagtgtg 360
 gaaatgatgt ttcaaaagga atcctgtgat ggaaatacaa ctggtatctt cactttttta 420
 ggaattggga aatattttta tgtttcttgg ggaatatgtt agagaattcc cttactcttg 480
 attgtgggat actatttaaat tatttcactt tagaaagctg agtgtttcac acctatcta 540
 tgtag 545

<210> 185
 <211> 316
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 35153_at HG-U95Av2

<220>
 <221> misc_feature
 <222> (34)..(34)
 <223> n is a, g, c or t

<400> 185
 tacattctag atgcaagtct cttgtcggat atangtattg agatattaca cctagtctgt 60
 ggcttgactg ttttctttat gtcttttgat gaatagaagt tttaaatttt gacaagggtca 120
 aatttatattt tttcttttgt ttgatatttt ttctctccaa tttaacccca agatttcaga 180
 tattctgctc tattatataa actttatatt tttatatttg tgatctacct tgaattgata 240
 tgtatgttgt gaattatgga tcagggttct ttttttcccc catacaagta tccagtcatt 300
 gtaacactgt ttattg 316

118

<210> 186

<211> 38

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35168_f_at HG-U95Av2

<400> 186

taa atggcca aagcttatag gactctgtga caggttgt

38

<210> 187

<211> 539

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35261_at HG-U95Av2

<220>

<221> misc_feature

<222> 46..76, 325, 327, 328, 349, 372..406, 499..513

<223> n is a, g, c or t

<400> 187

cgcctagaag acagcggaac taagaaaaga agaggcctgt ggacannnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnncgag gtagaccag agctaacaga aaagctgagg aaattccgct 120

tccgaaaaga gacagacaat gcagccatca taatgaaggt ggacaaagac cggcagatgg 180

tggtgctgga ggaagaattt cagaacattt cccagagga gctcaaatg gagttgccgg 240

agagacagcc caggttcgtg gtttacagct acaagtacgt gcatgacgat ggccgagtgt 300

cctacccttt gtgtttcatc ttctnccncc ctgtgggctg caagccgna acaacagatg 360

atgtatgcag gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnncaa ggtgttcgaa 420

atccgcacca ctgatgacct cactgaggcc tggctccaag aaaagttgtc tttctttcgt 480

tgatctctgg gctggggann nnnnnnnnnn nnctgagtc ctcaaggtga ctggggact 539

119

<210> 188
<211> 578
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35280_at HG-U95Av2

<220>
<221> misc_feature
<222> 146..275, 295..299, 303
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (431)..(500)
<223> n is a, g, c or t

<400> 188
gatgcgcatc aatgtatattt atcttatattt ctcaatctcc tctctctttc ctccacccat 60
aataagagaa tgttcctact cacacttcag ctgggtcaca tccatccctc cattcatcct 120
tccatccatc ttccatcca ttaccnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntaaat ttaaacttac aaacnnnnnt 300
tgncacaagt ggtgtttatt gcaataaccg cttggtttgc aacctctttg ctcaacagaa 360
catatgttgc aagaccctcc catgggggca cttgagtttt ggcaaggctg acagagctct 420
gggttggtgca nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn taacaccagt gggaattgct ggaggaacca gaggcacttc 540
caccttggtt gggaagacta tgggtgctgcc ttgcttct 578

<210> 189
<211> 139
<212> DNA
<213> Homo sapiens

120

<220>

<223> Probe 35281_at HG-U95Av2

<220>

<221> misc_feature

<222> (39)..(76)

<223> n is a, g, c or t

<400> 189

ataagcaact tcacagaaca cgagacagct tgggaatcnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnngaca gttttaagca gaggaataac atcaccactg tatatttcag 120

aaagatcact agggcagcc 139

<210> 190

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35320_at HG-U95Av2

<220>

<221> misc_feature

<222> 203, 204, 207..219, 224..228, 231, 233, 234

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 238, 240, 241, 243, 245..248

<223> n is a, g, c or t

<400> 190

gttcttggtc ttcttaaagt tgacatgaaa taattgtgct gctacattat actggaaatt 60

aacaggggaa aagggaagag ctcttggtc ccttgagggt ctgctagtgg tgtaggagt 120

ggttacaact gagcttttag taaccattta accgtatgta aacttggtt ctaattaaaa 180

aaaaatttct ttttccaaaa aannaannnn nnnnnnnnt taannnnnaa ntnnttntn 240

nanannnta caacaacttt gatacaaaaa tactgaaaca gcaactacca cctggaatgg 300

121

cacactaagt ccacactggt aggattttct ccttagaaaag

340

<210> 191

<211> 517

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35350_at HG-U95Av2

<220>

<221> misc_feature

<222> (305)..(308)

<223> n is a, g, c or t

<400> 191

taatgagggt cctccgctct ggacacaacc cttttataga ttaatttctc tgccaattaa 60

cttgctcattt tcagtacata ttttactatt ccacaccaac cataattaca acaagggatt 120

tttcttatgc actcctatgc atgtgaataa catgtggtgt aattctgctt cttacagaag 180

tattactgaa ggtattattt ccaatattat ttggtttatt atgcggatct tttttatata 240

tgcagtcca tcccttctgt gccactcaat gccatccaga catgggtttt ccctccaggg 300

gcctnnnntc tccagagggc acttcggctg cctctgcttc ctctcattcg aggcccggct 360

cttgctgaca gaataggttc cgttctgggc ggtggttctc gagcctgcca ttcaaaacca 420

aagcaaattg gagcatttct cacaacatgg tattgaagtt cctttttggt ctcaaaagtt 480

gtgaccgtgt taaattgtac tcccttagtc ctgtaag 517

<210> 192

<211> 518

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35366_at HG-U95Av2

122

<220>

<221> misc_feature

<222> 122, 136, 144, 155, 168, 180, 186, 204, 213

<223> n is a, g, c or t

<400> 192

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aatggtacat tttgccaaag accacttata cttgagaaca tggaagaatt tgcctgatac      60
tctcttttggg gaaaagagtc tctcctcttt tcctcaaacc ccagtacact cagcctctct      120
gnccccacct tctccntgac tttngtcctc acttngcttc tgcagtanca ttggaacctn      180
gaattnghaaa gaaagtcttc cttngaataa ttnggagttt gtcttgagag gcaaataatag      240
ccccaagaat cacaagattc gaggaccatg taggtctttt acgtagccca aatccataaa      300
ttagtctcac tttttgtatt tatcgtttca tattaacccc tctatatcaa atgttcatca      360
tgatthttgta tgatthtttat aactatthtta ttcattthtat tagatthatt ctaaaattht      420
ttaatgghaa attcttaaac tgtggaaacc actgaagggtg cttattaact gttctcccag      480
atttghataa gtattghatg attccttgag tttacagc                                518

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<210> 193

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35367_at HG-U95Av2

<220>

<221> misc_feature

<222> 84, 131, 134, 148, 197, 205..297

<223> n is a, g, c or t

<400> 193

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acaattctgg gcacggtgaa gcccaatgca aacagaattg ctttagattt ccaaagaggg      60
aatgatgthg ccttccactt taancccacg cttcaatgag aacaacagga gagtcattgt      120
ttgcaataca naangctgga taataacntg gggaaggghaa gaaagacagt cggtthttccc      180

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123

atttgaaagt gggaaancca ttcannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnngaa 300
atcagcaaac tgggaatttc tggtgacata gacctcacca gtgcttcata taccatgata 360
taatctgaaa ggggcagatt aaaaaaaaaa aaagaatcta aaccttacat gtgtaaaggt 420
ttcatg 426

<210> 194
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35372_r_at HG-U95Av2

<220>
<221> misc_feature
<222> (71)..(71)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (182)..(182)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (271)..(285)
<223> n is a, g, c or t

<400> 194
tatttgtgca agaatttgga aaaatagaag atgaatcatt gattgaatag ttataaagat 60
gttatagtaa ntttatttta ttttagatat taaatgatgt tttattagat aaatttcaat 120
cagggttttt agattaaaca aacaaacaat tgggtaccca gttaaatttt catttcagat 180
anacaacaaa taatttttta gtataagtac attattgttt atctgaaatt ttaattgaac 240

124

taacaatcct agtttgatac tcccagtctt nnnnnnnnnn nnnnngttgg tagtgctgtg 300
ttgaattacg gaataatgag ttagaactat taaaacagcc aaaactccac agtcaatatt 360
agtaatttct tgctggttga aacttg 386

<210> 195
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35396_at HG-U95Av2

<220>
<221> misc_feature
<222> 75..80, 85..87, 90, 178, 180
<223> n is a, g, c or t

<400> 195
aaatcctgcc caaaatgtga agcttggttg actgatgttc atgatagaaa gaataaaatg 60
tttctctctc tctannnnnn aaaannnaan agtttatctt tgtgaaagaa gtatttaaac 120
tttcaatatt ttaacttttt gtttttatct cttttagaaa aggccaatat acctatcncn 180
ctttggaagt aaaaatacac actttcgtgt gtacctaaaa aaaaaatcgt tgaaaatcaa 240
ggccaaagggt agtgcaatct tttcattaag atttaaaaaa aagggaatga tagtctttga 300
aagaaaacag taggcatcca gcaactggaca aaacatgggt atcaaagatg aataatcttt 360
ggagattctg gcagtgtttt ccagaacaa gtcaag 396

<210> 196
<211> 461
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35410_at HG-U95Av2

125

<220>

<221> misc_feature

<222> (141)..(157)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (233)..(249)

<223> n is a, g, c or t

<400> 196

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ccctaggatg ctatttaagt tgtactgtat tagaacactg ggtgtgtcat accgttatct      60
gtgcagaata tatttcctta ttcagaatct ctaaaaatct aagttctgta agggctaata      120
tattctcttc ctatgggttt nnnnnnnnnn nnnnnnnnta gtatggcata atgtcatgat      180
ttactcatta aactttgatt ttgtatgcta ttttttcact ataggatgac tannnnnnnn      240
nnnnnnnnnt atacacttta gatagatgaa gaagcccaa aacagataaa ttcctgattg      300
ctaatttaca tagaaatgta ttctcttggt tttttaata aaagcaaat taacaatgat      360
ctgtgctctg aaagttttga aaatatattt gaacaatttg aatataaatt catcatttag      420
tcctcaaat atatacagca ttgctaagat tttcagatat c                          461
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<210> 197

<211> 587

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35414_s_at HG-U95Av2

<220>

<221> misc_feature

<222> 74, 90..94, 99..131, 146..148, 151, 153, 156

<223> n is a, g, c or t

126

<220>

<221> misc_feature

<222> 158, 453..467, 474..489

<223> n i s a, g, c o r t

<400> 197

gccttctact ggtgcctgcg gaagcggcgg aagccgggca gccacacaca ctcagcctct 60
gaggacaaca ccancaacaa cgtgcgggan nnnntgaann nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn ncaacacggt ccccanngag nantangnga acaagttgag ctatgactta 180
acatagccaa aatgtgagtg gttgaatatg attaaaaata tcaaattaat tgtgtgaact 240
tggaagcaca ccaatcttac tttgtaaatt ctgatttctt ttcaccattc gtacataata 300
ctgaaccact tgtagatttg attttttttt ttaatctact gcatttaggg agtattctaa 360
taagctagtt gaatacttga accataaaat gtccagtaag atcactgttt agatttgcca 420
tagagtacac tgctgcctt aagtgaggaa atnnnnnnnn nnnnnnaag ttcnnnnnnn 480
nnnnnnnnna taaaacagag taatcttggt gggtcaccat tgagaccgtg aagatacttt 540
gtattgtcct attagtgtta tatgaacata caaatgcac tttgatg 587

<210> 198

<211> 520

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35628_at HG-U95Av2

<220>

<221> misc_feature

<222> 29, 44, 53, 62, 75, 226, 308..333, 417

<223> n i s a, g, c o r t

<400> 198

gcctctgtca tctgcctcat caatgctant gggtactaca tctnccgtgg ggnccaattc 60
cnagaaaaac acttnccgaa agaatccttc tgaccccaga gtggctgggc ttgagaccat 120

127

ctctacagcc acagggcgga aactgctggt gtctgggtgg tggggtatgg tccgccatcc 180
caactatctt ggagacctca tcatggctct ggcttggtcc ttgccttgcg ggggtgtcaca 240
cctgctgccc tacttctacc tcctctactt caccgcgctg ctggtgcacc gtgaggcccg 300
ggatgagnnn nnnnnnnnnn nnnnnnnnnn nnnngcctgg caggagtact gccggcgtgt 360
gccttaccgc atcatgccct acatctactg aagcggctcc accaccccag gtggggncat 420
gtgcccactc atccaccagc acaccagga ccaggagcct cgacacactt gggactcaag 480
ggcttgcacc ccaccagcc ctgaggatga acaacctcag 520

<210> 199

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35638_at HG-U95Av2

<400> 199

tcacttttgc aagttccaca gagtaagaca ttgggtctat tccagctcat tcattttata 60
ttgaaaaaaaa taatttttaa aatggtggct tcagctccag cccctttcca aaatttttca 120
acccaccct gtttggattt ttaattaaaa actagtagtt ctcttggtgt taaaacactt 180
ctgtcctgtg aggtttccca atggtgtttt tcttgtaa atgttggtgaca aatgtgaaga 240
tgcattgtag ttttaaccata tgcccacatt tagtctcttt attcctagtt ggtgagaaac 300
ctgt 304

<210> 200

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35664_at HG-U95Av2

128

<220>

<221> misc_feature

<222> 55..75, 79, 84..87, 93, 113..116, 129..131, 147, 273

<223> n is a, g, c or t

<400> 200

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gtacactcaa gtctaagaat atatgagtgg atcatttacc gccccccgcc ccacnnnnnn      60
nnnnnnnnnn nnnnnngtcnt tttnnnnaat aangtattct tctatggtag tannnncccta    120
cagatctggn ncccttcttc ttctaanggg taagtcataa tctgtgtaat actacaattt      180
atgggatgct cactatgccc tgtttctctt ctaaacaatt tacatgtaat gtctcattcc      240
tcacaataac ccttgtaaag tgggcatgat tanccatgat ttttatagtt gaagaacctta      300
agacacagag accaaggccc atgagctcat agggctgagg caggatttgg aatcaggcca      360
tgtcttctcc agagcccaca tccatccttt ctctatattg cctcccacag atgtgctaaa      420
atttatttaa ctaatccttt atcctctatt tgtgttgtct cccatttttt attattacaa      480
tattactgtg gtgaacatgc                                                    500

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<210> 201

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35666_at HG-U95Av2

<220>

<221> misc_feature

<222> 33, 35, 45..54, 168, 203..257, 304, 306, 348..362, 427

<223> n is a, g, c or t

<400> 201

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gaagaagggg ccatcacagg atgccacccc tgnctgggt tgggnnnnnn nnnncacgac      60
cagccccttc ctgggtatatt attctctatt tattggggat aggagaagag gcctcctgcc      120
tgggtggggac agccccttca gcccttctc ccctccccgc ctggccangg cagggccacc      180

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129

ccactctacc tccttagctt tcnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnaga gctgacggga ggccccagct ctgaggggag ggggtccgtg 300
gtanangcct ggggccggta gaggtcccc agggctccct tatgtcnnnn nnnnnnnnnnn 360
nnggggtgtg atgtaattag ctctgggggg cagttgggta gatgggtggg ggctcctggt 420
ggccttntgc tgcccaggcc acagccgcct ttgggttcca tcttgctaataaacactggc 480
tctgggacta gaaa 494

<210> 202
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35702_at HG-U95Av2

<400> 202
aggaatgtgc cctggagatc atcaaagggg gagctctgcg ccaagaagaa gtgtattatg 60
acagctcact ctggaccact cttctgatca gaaatccatg caggaagatc ctggaatttc 120
tctactcaac gagctataat atggacagat tcataaacia gtaggaactc cctgagggtc 180
gggcatgctg agggattttg ggactgttct gtctcatgtt tatctgagct cttatctatg 240
aagacatctt cccagagtgt ccccagagac atgcaagtca tgggtcacac ctgacaaatg 300
gaaggagttc ctctaacatt tgcaaaatgg aaatgtaata ataatgaatg tcatgcaccg 360
ctgcagccag cagttgtaaa attgt 385

<210> 203
<211> 534
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35724_at HG-U95Av2

130

<220>
 <221> misc_feature
 <222> (79)..(79)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (164)..(164)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (405)..(438)
 <223> n is a, g, c or t

<400> 203
 atttcaaatt ggacccagga gccaaacatt cccaacctat ccctaaaggg tggacaagct 60
 tcatttacac gatattctgna gatgtgtata ttggggccga tgatgcacaa caaaaaatag 120
 aacctcatca cacagcagtg cttggagaag gtgacagtgt ccangtggag aacaaggatc 180
 ccaagagaag ccactttgtc ttaattgctg gggagccatt aagagaacca gttatccaac 240
 atgggtccatt tgtgatgaac accaatgaag agattttctca agctatttctt gatttcagaa 300
 acgcaaaaaa tgggtttgaa agggccaaaa cctggaaatc aaagattggg aactagtgga 360
 aagcggaaga gcaggtcttg atgtgtccta gaattttgcc atttnnnnnn nnnnnnnnnn 420
 nnnnnnnnnn nnnnnnnnaa gcttatttag ccggtgcttc taaagaattc cacactaacg 480
 tgataacatg gtttttgtaa caataaatgt aggatatttc ctggcacatg caaa 534

<210> 204
 <211> 553
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 35735_at HG-U95Av2

131

<220>

<221> misc_feature

<222> 37, 74, 86, 199..214, 490

<223> n is a, g, c or t

<400> 204

acacggtcta tgagcaataa tgtgatttct ggacatngcc catgtataat cctcactgat 60

gatttcaagc taangcaaac cacctnatac agagatctag aatctcttta tgttctccag 120

aggaaggtgg aagaaaccat gggcaggagt aggaattgag tgataaaciaa ttgggctaata 180

gaagaaaact tctcttatnn nnnnnnnnnn nnnnattata acttcaatgg gacacttttag 240

accattagac aattgacact ggattaaaca aattcacata atgccaaata cacaatgtat 300

ttatagcaac gtataatttg caaagatgga ctttaaaaga tgctgtgtaa ctaaactgaa 360

ataattcaat tacttattat ttagaatggt aaagcttatg atagtctttt ctaattctta 420

acactcatac ttgaaatctt tctgagtttc cccagaagag aatatgggat tttttttgac 480

atTTTTgaCN catttaataa tgctcttggt tttacctagt atatgtagac tttgtcttat 540

gtgtcaaaag tcc 553

<210> 205

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35766_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 166..168, 300..336

<223> n is a, g, c or t

<400> 205

tgaggagagc accacagtgg tcacnacac agtctgctga gggtggagct gctgagacga 60

cgctcacaga gctgagacgt acagtccagt ccttgagat cgacctggac tccatgagaa 120

132

atctgaaggc cagcttgag aacagcctga gggaggtgga ggcccnnta cgcctacag 180
atggagcagc tcaacgggat cctgctgcac cttgagtcag agctggcaca gaccgggca 240
gagggacagc gccaggccca ggagtatgag gccctgctga acatcaaggt caagctggan 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnggcg aggactttaa tcttggtgat 360
gccttgga gcagcaactc catgcaaacc atccaaaaga ccaccacccg ccggatagtg 420
gatggcaaag tgggtgtctga gaccaatgac accaaagtgc tgaggc 466

<210> 206

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35803_at HG-U95Av2

<220>

<221> misc_feature

<222> 30, 31, 106..110, 112..117, 119..195

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 201..256, 425..441

<223> n is a, g, c or t

<400> 206

gtgtcattgc taaaacctca ctgaacagan ngcagccaag gtctgtgttc agcacttggt 60
ctctgttggt acgtaaaata ataagcattt aaaatagttt acagannnnn tnnnnnngnn 120
cnnttnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnt nnnnnnnnnn 180
nnnnnnnnnn nnnnnctttc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnntggc aggagagatt aaggtaatta caacactcag ttctatgtct 300
tacaagcact ttgtcttgct tctgcaagaa aattcgattc cagtcatttc ccataaaata 360
cagacatttt accaacataa tatgctttga ttgatgcagc attatgcttt gggcagtatt 420

133

acaannnnnnn nnnnnnnnnn nttctgtatt taaatattgt aaaaagaaaa taagttataa 480
 ctgttataaa gcagaacttt tgttgcattt tttaaactgt tgaagtcact gtgtatgttt 540
 gtttgggtcaa tgtttccgc 559

<210> 207
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 35822_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 31, 55, 66, 72, 97, 99, 176, 229, 273, 286
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> 298, 308, 323..386, 458, 459
 <223> n is a, g, c or t

<400> 207
 ggccagacta tcaggcccat ttgtctcccc ntgcaccgag ggaacaactc gagcntttga 60
 ggcttncctc cnaactacca cttgccagca acaaaangna agagctgctc cctgcacagg 120
 atatcaaagc tctgtttgtg tctgaggagg agaaaaagct gactcggaag gaggtnttac 180
 atcaagaatg gggataagaa aggcagctgt gagagagatg ctcaatatng ccccaggcta 240
 tgacaaagtc aaggacatct cagaggtggt canccctcg gttcentttg tactggangg 300
 agtgagtncc ctatgctgac ccnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nnnnnnttca agttggtgta atcagctggg gagtagtgga 420
 tgtctgcaaa aaccagaagc ggcaaaagca ggtacctnnt cacgcccagag actttcacat 480
 caacctcttt caagtgtgct cctggctgaa ggagaaactc caagatgagg atttgggttt 540
 tc 542

134

<210> 208
<211> 344
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35824_at HG-U95Av2

<400> 208
tgaaaaatggc cttggagcat tatctttagt tacttgaaga gtttctagtt tttttaaaat 60
acagtttatg ttaaaataat ttttattaat ttagagaaga caatcaatgt ctgtgagaaa 120
acggactttc ttttggattt tctttttgtg gtcattgtga gtgattgctt tttccttttc 180
ttagtttcac attcttcctt tgttctaaaa cttagactga catctagctt tgacaatcat 240
agtatgtttt attttcctga gggggaataa cttataatgc tgtttagttt tgtactattg 300
gtgtgttggt gaatttttaa actgtgtgct aactgcaata aatt 344

<210> 209
<211> 537
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35844_at HG-U95Av2

<220>
<221> misc_feature
<222> 63..78, 239..241, 263, 264, 267, 268, 270
<223> n is a, g, c or t

<400> 209
tacagtaacc acatgcggct gtttaaagtt aagccaatta aaatcacata agattaaaaa 60
ttnnnnnnnn nnnnnnnnta accacgtttc tagaggcgtc actgtatgta gttcatggct 120
actgtactga cagcgagagc atgtccatct gttggacagc actattctag agaactaaac 180
tggcttaacg agtcacagcc tcagctgtgc tgggacgacc cttgtctccc tgggtagggn 240

135

nggggggggaa tggggggaggg ctnnatnngn cccagctgg ggctgttgt ctgggaccct 300
ccctctcctg agaggggaggg cctggtggct tagcctgggc aggtcgtgtc tcctcctgac 360
cccagtggtg gcggtgaggg gaaccaccct cccttgctgc accagtggcc attagctccc 420
gtcaccactg caaccaggg tcccagctgg ctgggtcctc ttctgcccc agtgcccttc 480
cccttgggct gtgttgaggt gagcacctcc tctgtaggca cctotcacac tgttgtc 537

<210> 210

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35938_at HG-U95Av2

<220>

<221> misc_feature

<222> (82)..(82)

<223> n is a, g, c or t

<400> 210

aggcagtttg caatcccatg acaactggat ttaaaagtac agtacagata gtcgtactga 60
tcatgagaga ctggctgata cncaaagttg cagttactta gctgcatgag aataatacta 120
ttataagtta ggttgacaaa tgatgttgat tatgtaagga tatacttagc tacattttca 180
gtcagtatga acttcctgat acaaagttag ggatatatac tgtattttta aacatttctc 240
accaactttc ttatgtgtgt tctttttaaa aatttttttt cttttaaaat atttaacagt 300
tcaatctcaa taagacctcg cattatgtat gaatgtta 338

<210> 211

<211> 576

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35966_at HG-U95Av2

136

<220>

<221> misc_feature

<222> 335, 337..345, 424..466, 471, 472, 474, 483..486

<223> n is a, g, c or t

<400> 211

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ccatttttaa gaagaggtgt tccagttctg catctgatac cgtctccttt ccctgaagtc      60
tggcacacca tggatgacaa tgaagaaaat ttggatgaat caaccattga caatctaaac      120
aaaatcctac aagtctttgt gttggaatat cttcatttgt aatactctga tttagtttag      180
gataattggg tctagaattg aattcaaaag tcaaggcatc atttaaaata atctgatttc      240
agacaaatgc tgtgtggaaa catctatcct atagatcatc ctattcttat gtgtcttttg      300
ttatcagatc aattacagaa taattgtggt gtganannnn nnnnnaaatt gtcattaat      360
ttttatttac agattgaaaa agaggcaccg tgtaaagaaa atggcaaaat aaatatcttt      420
ccannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnggaa nnangtagcc      480
ttnnnnattt tatgattttt tcatatgtgg aaatctatta catgtaatac aaaacaaaca      540
tgtagtttga aggcgggtcag atttctttga gaaatc                                576

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<210> 212

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35992_at HG-U95Av2

<220>

<221> misc_feature

<222> 28, 29, 31..47, 49, 53, 56, 62, 66, 68, 151, 152

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 154..184, 229, 335, 348, 349, 353, 354

<223> n is a, g, c or t

137

<400> 212
tggagacaca cttcccagat caccgcanng nnnnnnnnnn nnnnnnnngnt ctnggncggt 60
cnggentncc tgccgggtgg cttcttcaat cccgtctcct tcccaagctc ccggcttttt 120
ctaactcaggc aggcgtctgt caaccctctc nncnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnntgcgcc aacctgtgtg gggctcttctt cgggcctccc tctccgccnc gctcctgctc 240
ctacctgcag cccccccagc tccgactcca gactctctgc atcaggctctc cccactccac 300
gctccggggc ccccaactcc aacaccacgt cctgncgcgc aggttctnnc ccnngcggag 360
gagcgcgcag ggtgggcggc ttaccatagc aagtgatcct gcgataggga acgcgccctt 420
gccccgaggc tgcactacca caggaaataa c 451

<210> 213
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36057_at HG-U95Av2

<220>
<221> misc_feature
<222> (91)..(140)
<223> n is a, g, c or t

<400> 213
aaattctgat tggttatgta ccgtcaaaag acttgaagaa atttcatgat tttgcagtgt 60
ggaagcgttg aaaattgaaa gttactgctt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn aatgtatcat ccagagtgat gttatctgtg acagtcacca 180
gctttaagct gaaccathtt atgaatacca aataaataga cctcttgtac tgaaaacata 240
tttgtgactt taatcgtgct gcttggatag aaatatTTTT actggttctt ctgaattgac 300
agtaaacctg tccattatga atggcctact gttctattat tt 342

138

<210> 214
<211> 520
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36059_at HG-U95Av2

<220>
<221> misc_feature
<222> 90..107, 115..140, 259..273, 275..277, 388, 390, 404
<223> n i s a, g, c o r t

<400> 214
gaaggatcctt attgcacttg ggctgttcag aatgtagaaa ggacatattt gaggaagtat 60

ctatttgagc actgatttac tctgtaaaan nnnnnnnnnn nnnnnntaa actannnnnn 120

nnnnnnnnnn nnnnnnnnnn tgtaatggtt ttaacgttac tcactggaga gattggactt 180

tctggagtta tttaaccact atgttcagta ttttaggact ttatgataat ttaatatataa 240

tttagctttt cttaatcann nnnnnnnnnn nnnannnatg actaatcctg cacctgctct 300

gtctggcaga cccatgctgt ggaaaacctg cttacagaca tcacttttaa gtcctttgtg 360

gatgtgggca cagtgaagag caataaanan tgtgagggtc ctgntggagt tttcagctca 420

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gaagaaggaa tgggtagatg ggggttcctc tttgagttgc 520

<210> 215
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36065_at HG-U95Av2

<220>
<221> misc_feature
<222> (46)..(46)
<223> n i s a, g, c o r t

139

<400> 215
ggcccagcaa ggtaatttat ggttgagctg atgtcaattg gttctngtct tgagtcgact 60
caatttagcc caagtgctga aacaagaaat gtcatttttt tcatcaaaga caccagggca 120
gatttttaag taaagaaaga caattggacc cttaagaatt tatgcatttg taaagttgct 180
gttgatccaa atattttcaa gccatgtaat ccattggttt tgtgggcagt ttaataaacc 240
tgaacctttg tgtgttttct aattgtacct gagttgacca tcctttcttt ttatagtata 300
tttcttgat gatattttgt aaagctctca cctggttctt ttatggggac ttttcgtttt 360
tgggcaactc cagtgtatth atgtgaaact ttataagaga attaattttt ccatttgcac 420
attaatatgt tcctccacac atgtaaaggc acagtggctc cgtgtg 466

<210> 216
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36103_at HG-U95Av2

<220>
<221> misc_feature
<222> 65..80, 202, 204, 215, 216, 218, 229..253
<223> n is a, g, c or t

<400> 216
agcaggagcc tgagccttgg gaacatgcgt gtgacctcca cagctacctc ttctatggac 60
tggtnnnnnn nnnnnnnnnn cactgtggga ctcttcttaa cttaaatttt aatttattta 120
tactatttag tttttgtaat ttattttcga tttcacagtg tgtttgatgat tgtttgctct 180
gagagttccc ctgtcccctc cncnttcctt cacannnggt ctggtgacnn nnnnnnnnnn 240
nnnnnnnnnn nnngtaggca gtcattggcac caaagccacc agactgacaa atgtgtatcg 300
gatgcttttg ttcagggctg tgatcggcct ggggaaataa ta 342

140

<210> 217
<211> 503
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36149_at HG-U95Av2

<220>
<221> misc_feature
<222> 130..144, 254, 255, 273..275, 280..288, 323, 419, 423, 428
<223> n is a, g, c or t

<400> 217
tgggcagcca gcattcattg taagttccct ctttgaaaac tgggtgtgtgg gtgttcagtt 60
ctgtgtcttg tgggtatgga cagacagtaa tctcctgtga tctgtgctag ctgtgaggca 120
gctctggaan nnnnnnnnnn nnnnggtttg aaccgtgaac aaaactgtgt ttgagttta 180
gctgacatta aagaaaaaag ttcatcacgt gactgttaat gtaaacctgg ttattaaaat 240
aactatgaaa ttannaaaaa aaaaaaaaaa aannnaaaan nnnnnnnnat ttaaaacagg 300
agaaatctgg taagttgtta ggnttctaaa ttccttttag tctgttcact gagatattaa 360
atttcagtag acagaacca aaaagagatt tcatttcttt ctaatcactt tggcttctnt 420
ctnttttntt aagtaggtaa aaaccttcct tgggtgggcac ctaagcagga tgcagccaat 480
tagttcatga acccagctgc gga 503

<210> 218
<211> 455
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36156_at HG-U95Av2

<220>
<221> misc_feature
<222> 194..224, 343, 411, 412
<223> n is a, g, c or t

141

<400> 218
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ggcaacagaa accaagagac acaattacgc aggtatttag aagcagaggg acaaccagaa 120
ggcccttaac tatcaccagt gcatcacatc tgcacactct cttctccatt ccttagcagg 180
aactttctagc tcannnnnnn nnnnnnnnnn nnnnnnnnnn nnnntttcag ctagacaatg 240
atttggccag gcctagtaac caaggccctg tctctggcta ctccctggac cacgaggctg 300
attcctctca tttccagctt ctcaagtttct gcctgggcaa tgnccagggg ccaggagtgg 360
ggagagttgt gatggagggg agaggggtca caccacccc ctgcctgggt nntaggctgc 420
tgcacaccaa ggccctgcat ctgtctgctc tgcatt 455

<210> 219
<211> 526
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36175_s_at HG-U95Av2

<220>
<221> misc_feature
<222> 30, 53, 54, 57, 154, 195, 223, 232
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 242, 253, 263, 485, 486, 488
<223> n is a, g, c or t

<400> 219
tagagcttgg ttatcggccg gcccgggtggn ttggcaggca gtgctgtgcg ctnntcnatg 60
gagaagacct gggcttagca atctccttag ttcttgctac acaggatggg gactggaact 120
aaggctacac agaggggtcgc acttggaactc tganggttgg gtgtggaagg gggaaaaggg 180
gatggagacc tgctncccca gctcttcctg tcagccggtt tancatggga ancagggtta 240

142

ancatctgtg ttnaggggag gtncacotta ccctttttca taggggaaga gtgtcacact 300
 cctggctatc tcagggggaa tggggaaaag aatctttcaa gggcaaagaa ctctgtgggag 360
 gatgtctgtt gtatgtaata ctacacaatgg cttttggtta gtgttgaagg tgggaagagc 420
 attttaggtt ccagaagagt gaaagagagg gaggggtgca gcaacatgtg cacaggcacg 480
 cacanntntg cacgcacaca tacaatctgg gttatctttg tgctat 526

<210> 220

<211> 594

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36215_at HG-U95Av2

<220>

<221> misc_feature

<222> 53, 117, 353..375, 480..507

<223> n is a, g, c or t

<400> 220

gtctgatcga tcatgcagat acaatgttgg tatttgagag gttagttttt ttnoctacac 60
 ttttttttgc caactgactt aacaacattg ctgtcaggtg gaaatttcaa gcacttntgc 120
 acatttagtt cagtgtttgt tgagaatcca tggcttaacc cacttgtttt gctatttttt 180
 tctttgcttt taattttccc catctgattt tatctctgcg tttcagtgac ctaccttaaa 240
 acaacacacg agaagagtta aactgggttc attttaatga tcaatttacc tgcatataaa 300
 atttattttt aatcaagctg atcttaatgt atataatcat tctatttgct ttnnnnnnnn 360
 nnnnnnnnnn nnnnnaacac cacttctttt catctgtacc acaccctggt gaaaccttg 420
 aagacataaa aaaaacctgt ctgagatgtt ctttctacca atctatatgt ctttcgggtn 480
 nnnnnnnnnn nnnnnnnnnn nnnnnnnngta aatgctgata ttgatttcac tgggtccatct 540
 atatttaaaa cgtgcaagaa aaaaataaaa tactctgctc tagcaagttt tgtg 594

143

<210> 221
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36227_at HG-U95Av2

<220>
<221> misc_feature
<222> (220)..(241)
<223> n is a, g, c or t

<400> 221
taccaaaacc agtgaagtgt aagaaacca gactgaactt accgtgagcg acaaagatga 60
tttaaaaggg aagtctagag ttcttagtct ccctcacagc acagagaaga caaaattagc 120
aaaaccccac tacacagtct gcaagattct gaaacattgc ttgaccact cttcctgagt 180
tcagtggcac tcaacatgag tcaagagcat cctgcttctn nnnnnnnnnn nnnnnnnnnn 240
ngtttaaggt gacccaatga ttcagcta 268

<210> 222
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36233_at HG-U95Av2

<220>
<221> misc_feature
<222> (64)..(65)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (206)..(232)
<223> n is a, g, c or t

144

<220>

<221> misc_feature

<222> (296)..(297)

<223> n is a, g, c or t

<400> 222

ctgaaaccaa gaaggatctg tatgaaccca ctcatggggg caaggtcttg agcatggccc 60
ctgnnctcac ctctgtggaa atcattccat tccgagtggc tgccataaac aaagccaaaa 120
aagccatgga cttctatgat ccagcaaggc acaatgagtt tgacttcac tcaggaactc 180
gaatgaggaa gctcgcccgga gaaggnnnnn nnnnnnnnnn nnnnnnnnnn nccccaaag 240
catggaaggt cctgacagat tattacaggt ccctggagaa gaactaagcc ttggnncca 300
gagtttcttt ctgaagtgt ct 322

<210> 223

<211> 482

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36314_at HG-U95Av2

<220>

<221> misc_feature

<222> 49, 156, 162..177, 285..369, 438

<223> n is a, g, c or t

<400> 223

aacttctccc ggtgcctgga gctgcagtgt cagcccgact cctcaacct gccaccccca 60
tgaggtcccc ggcccctgga ggccacagcc ccgacagccc cgcagccccc tctgctctc 120
ctactgtctg tgcccgtggg cctcctgctg ctggcngctg cnnnnnnnnn nnnnnncag 180
aggacgcggc ggaggacacc ccgcccgtgg gagcaggtgc cccccgtccc cagtccccag 240
gacctgtctg ttgtggagca ctgacctggc caaggcctca tcctnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

145

nnnnnnnnnc ccttccttgg gccctctca ttccctcccc agaatggagg caacgccaga 420
atccagcacc ggccccantt acccaactct gtacaaagcc cttgtcccca tgaaattgta 480
ta 482

<210> 224
<211> 509
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36344_at HG-U95Av2

<220>
<221> misc_feature
<222> (94)..(125)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (259)..(259)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (348)..(376)
<223> n is a, g, c or t

<400> 224
tttgctgag cagctcttgg tgggagacat gttcaattac ttctctcttc tggccattgg 60
ggtctttctg ttccagcct tcctcacagc ctctnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnncttct gccatggatg aaaactcaga gaagaaaagg aagagggcca tcaaactcat 180
tgtcactgtc ctggccatgt acctgatctg cttcactcct agtaaccttc tgcttgtggt 240
gcattatttt ctgattaana gccagggcca gagccatgtc tatgcctgt acattgtagc 300
cctctgcctc tctaccetta acagctgcat cgacccttt gtctattnnn nnnnnnnnnn 360

146

nnnnnnnnnn nnnnnngcaa agaacgctct cctttgccga agtgtccgca ctgtaaagca 420
gatgcaagta tccctcacct caaagaaaca ctccaggaaa tccagctctt actcttcaag 480
ttcaaccact gttaagacct cctattgag 509

<210> 225
<211> 111
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36345_g_at HG-U95Av2

<400> 225
tgttaagacc tcctattgag ttttccaggc cctcagatgg gaattgcaca gtaggatgtg 60
gaacctgttt aatgttatga ggacgtgtct gttatttcct aatcaaaaag g 111

<210> 226
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36377_at HG-U95Av2

<220>
<221> misc_feature
<222> (138)..(178)
<223> n is a, g, c or t

<400> 226
ggcgaaagat atctctccat tgtgcatctg cctcttttga cgttggaaga cacatgtctt 60
actccccaaa gggagcccag cactgggagc cttcttgatg atctcaaaaa taatagctat 120
tcaagaaaat caccaagnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnntg 180
ggagcaacat gaatgttcta caaaagttta aagcagagat tgtttcaaata ggggtgtagta 240
gatattactg aaaacaaaaa aagagtgaga ttgtcagtgat aagaatgtga tttaatgttt 300

147

gtagtgctta caattttgtg taccaactgg atgactaaaa agagttaaata aatttaatta 360

atagctcata ttttatgtgt gaaaacatgt tagtgaacat atataatcaa aatagatttc 420

attgctattg catagtc 437

<210> 227

<211> 82

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36445_at HG-U95Av2

<400> 227

cagtacttct ggacatgctc tggaggagaa agattgggtcc tcagatgacc ctttctcatg 60

ctgcaggatt ccatgctact ag 82

<210> 228

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36543_at HG-U95Av2

<220>

<221> misc_feature

<222> (134)..(151)

<223> n is a, g, c or t

<400> 228

gggtgcattt ctaggacttt tctaacatat gtctataata tagtgtttag gttctttttt 60

ttttcaggaa tacatttgga aattcaaaac aattggcaaa ctttgtatta atgtgttaag 120

tgcaggagac attnnnnnnn nnnnnnnnnn nctaataatgc tttacaatct gcaactttaac 180

tgacttaagt ggcattaaac atttgagagc taactatatt ttataagac tactatacaa 240

actacagagt ttatgattta aggtacttaa agcttctatg gttgacattg 290

148

<210> 229
 <211> 484
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 36550_at HG-U95Av2

<220>
 <221> misc_feature
 <222> (284)..(304)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (316)..(336)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (36)..(36)
 <223> n is a, g, c or t

<400> 229
 ggaaccacct atgcttaaaa tactgtaaat atgcantgag gtttggcaaa atctattcca 60
 tgtgtgattt gcttgtagaa acaattttga aagccccttg aggaaaataa aaatcaagaa 120
 gaacactttt ctcccttttc catacaaatt aaaacttaac agcatcaaatt tattgggacc 180
 agaaaccaag taatgtataa tgtggctttt gttgagttaa ataagatgct atataatgga 240
 gaagaatttg aaaatgcaca aaaaaatcaa tctacattat cagnnnnnnn nnnnnnnnnn 300
 nnnntatggt aaatannnnn nnnnnnnnnn nnnnnnaact atgagggtct tgtatccacg 360
 taacacaggt agttacaaaa acatgttatt gtactgtgta aagatgcata gtcattctcat 420
 ttggttggtt ttgtaccttg tacctttttt agccttggtt tttgttgaac tagaaccctc 480
 agca 484

149

<210> 230
<211> 145
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36564_at HG-U95Av2

<220>
<221> misc_feature
<222> (57)..(82)
<223> n is a, g, c or t

<400> 230
gcaccgagcc caagtgccca tatgaacctc tctgccctag ccgagggaca aactgtnnnn 60
nnnnnnnnnn nnnnnnnnnn nnagagtatg aagtggaaatg aatgctcctg ttctgagaag 120
cacacttgta actgcatctt ttgga 145

<210> 231
<211> 566
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36578_at HG-U95Av2

<220>
<221> misc_feature
<222> (230)..(248)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (339)..(371)
<223> n is a, g, c or t

<400> 231
tatgccagga atgtgccctt tctctaagaa aatgccctat ttgcaggggt ataataaagg 60
gtactgttcg tacattttctc tcttaaagaa aaatagtcta tattttaacc tgcataaaaa 120

150

ggctctttaaa atattgttga acacttgaag ccatctaaag taaaaaggga attatgagtt 180
tttcaattag taacattcat gttctagtct gctttgttac taataatctn nnnnnnnnnn 240
nnnnnnnntc atatatttaa tcttaatctg tttatttaca agggaagatt tatgtttggt 300
gaactatatt agtatgtatg tgtacctaag ggagtagtnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nactggattt gttgttcttt cagaaagctt tgaatactaa attatagtgt 420
agaaaagaac tggaaaccag gaactctgga gttcatcaga gttatgggtgc cgaattgtct 480
ttgggtgcttt tcaacttgtgt tttaaaataa ggatttttct cttatttctc ccctagttt 540
gtgagaaaca tctcaataaa gtgctt 566

<210> 232

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36600_at HG-U95Av2

<220>

<221> misc_feature

<222> 34, 89, 173..187, 357..395, 399..415

<223> n is a, g, c or t

<400> 232

cagatacctc ggattgagga tggttaacaat tttnggagtg gctgtccagg agaaggtgtt 60
tgagctgatg accagcctcc acaccaagnc tagaaggctt ccacactcaa atctctaagt 120
atttctctga gcgtggtgat gcagtgacta aagcagccaa gcagcccat gtannnnnnn 180
nnnnnnngct ggtgcacgag ctggatgagg cagagtaccg ggacatccgg ctgatggtca 240
tggagatccg caatgcttat gctgtgttat atgacatcat cctgaagaac ttcgagaagc 300
tcaagaagcc caggggagaa acaaaggga tgatctattg agagccctct ctcccannnn 360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntggnn nnnnnnnnnn nnnnncaaac 420

151

447

ttgcttctgt tgagattttt ccctcac

<210> 233

<211> 481

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36658_at HG-U95Av2

<220>

<221> misc_feature

<222> 81..100, 158, 195, 235, 237..273, 275, 456

<223> n is a, g, c or t

<400> 233

gaccttatcc acaaccgagg gcttggaag gaaggtattt tggaatcaca ccctccggtt 60

atgttgetcc agtaaaatct nnnnnnnnnn nnnnnnnnnn ttcttagcat ggtgagctga 120

gttcatggct tttttttgta gccagtcctg tccctggnc atccatgtga tggttttgga 180

tggagttaaa cttgnatgcc agtgggcagt gcatgtggaa agtatcagag taagncnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnanggtt tctttagaat cagaattgta 300

gccagtttct ttggccagaa ggatgaatac ttggatatta ctgaaaggga ggggtggaga 360

tgggtgtggc agtgtatggt gtgtgatttt tattttcttc tttggtcagt ggggccaagg 420

agaaaggcat gaatcttccc tgtcaggctc ttacanccac aggcactgtg tctactgtct 480

g 481

<210> 234

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36659_at HG-U95Av2

152

<220>

<221> misc_feature

<222> 36, 46, 55, 56, 66, 73, 80, 91, 92, 102, 113, 120, 126, 131

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 133, 145, 152, 162, 173, 178, 204, 215, 216, 222, 315, 328, 392

<223> n is a, g, c or t

<400> 234

acagacgaga caacagcaca caggcagcca gccgtnggcc agaggntcga ggggnnctca 60

ggggcntcag gcnacccgtn cccacacga nngggccccg tngggtgggc ctnggccctn 120

gcttttctac ngnccaatgt tatgnccagc tnccatgttc tncccaaata ccngttgnat 180

gtgaattatt ttaaaggcaa aacngtgctc tttanntttt anaaaacact gataatcaca 240

ctgcggtagg tcattctttt gccacatccc tatagaccac tgggtttggc aaaactcagg 300

cagaagtgga gacntttcta gacatcantg tcagccttgc tacttgaagg tacaccccat 360

agggtcggag gtgctgtccc cactgccccca cnttgtccct gagatttaac ccctccactg 420

ctgggggtga gctgtactct tctgactgc 449

<210> 235

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36690_at HG-U95Av2

<220>

<221> misc_feature

<222> (99)..(115)

<223> n is a, g, c or t

153

<220>

<221> misc_feature

<222> (376)..(391)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (324)..(324)

<223> n is a, g, c or t

<400> 235

gactatttttc aagcaacctg gtccaccag gattagtgc caggttttca ggaaaggatt 60

tgcttctctc tagaaaatgt ctgaaaggat tttatttttnn nnnnnnnnnn nnnnngaaaa 120

taccctcctc aaataacttg cttaactaca tatagattca agtgtgtcaa tattctattt 180

tgttatattaa atgctatata atggggacaa atctatatta tactgtgtat ggcattatta 240

agaagctttt tcattatttt ttatcacagt aattttaaaaa tgtgtaaaaa ttaaaaccag 300

tgactcctgt ttaaaaataa aagntgtagt tttttattca tgctgaataa taatctgtag 360

ttaaaaaaaaa agtgtnnnnn nnnnnnnnnn ntgaaatgtc agactgtaaa accttgtgtg 420

gaaatgttta acttttattt tttcatttaa atttgcgtgt ctggtattac c 471

<210> 236

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36691_at HG-U95Av2

<400> 236

cttcagcgcc actggctgga aggtgggctg ggtcctgggt ccagatcaca tcatgaagca 60

cctgcggacc gtgcaccaga actccgtctt ccactgcccc acgcagagcc aggctgcagt 120

agccgagagc tttgaacggg agcagctgct cttccgccaa cccagcagct actttgtgca 180

gttccccgcag gccatgcagc gctgcogtga ccacatgata cgtagcctac agtcagtggg 240

154

cctgaagccc atcatccctc agggcagcta cttcctcatc acagacatct cagacttcaa 300

gaggaagatg cctgacttgc ctggagctgt ggatgagccc tatgacagac gcttcg 356

<210> 237

<211> 221

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36700_at HG-U95Av2

<400> 237
tacaaactgt gacctcagct tcagagtgtc agggcctcac ttgtatagaa tgtaatgttc 60

tcctcaaaca tttatgttaa ctctataaac aaatatcggt aagttaaaca agttttcaaa 120

aacaaaacaa tttttaaagt accttaaaat tgaggatgtt actcagtgtt aacacatggg 180

aacacaaaaa tattcaataa gcctgggtcaa ttctatagtt a 221

<210> 238

<211> 535

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36711_at HG-U95Av2

<220>

<221> misc_feature

<222> 39, 43, 44, 53, 62, 70, 74, 86, 113, 124

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 127, 142, 148, 171..465

<223> n is a, g, c or t

<400> 238
ttgcacggat ctaagttatt ctccccagcc agagcccgng ctnnctgctc ccngggaaaa 60

gntggcggtan tggncctgag ctgggnttta tattttatat ctgcaaataa atnacatttt 120

155

atcntanatt tagggaaagc cngagagnaa caacaaaaaa tgtttaagcc nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntattg cccggctcct 480
agaatttatt tatttcctga cttacagcaa gcgagttatc gtcttctgta ttttg 535

<210> 239

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36767_at HG-U95Av2

<220>

<221> misc_feature

<222> (27)..(27)

<223> n is a, g, c or t

<400> 239

cagaggtagt ctactgctt gaactangct gagcaatctg accctatggg tctaggacac 60
agttcctggg aacatcacat tcctctgcc ttctgcagg caggaacaaa cagggtgcc 120
ttctggcctt gtaagaccct tattgctgtc ctggaggggc tggggacttg tgtctgcggg 180
gatcagagcg cacagggagt gcacatatcc aggcaccagg actagggtg gagtgagggg 240
ggggtatttc aattaccttc tattggtctc ccttctctac actcttgtaa taaaatgtct 300
atttttaatg tttgtacaca acaatccttc tattctagcc tgcattgagc ttgcatgctt 360
gcataagagc ttaagaacca ttgatttaat gtaataggga aaattctaac ccagggtatcc 420
aaaaatgtgt aagaacaact acctgagcta aa 452

156

<210> 240
<211> 131
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36790_at HG-U95Av2

<220>
<221> misc_feature
<222> (39)..(39)
<223> n is a, g, c or t

<400> 240
gagaagttcc attcaaagtg ccaatgatag agtcaacang gaaggttaat gttggaaaca 60
caatcaggtg tggattggtg ctactttgaa caaaagggtcc ccctgtggtc ttttgttcaa 120
cattgtacaa t 131

<210> 241
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36791_g_at HG-U95Av2

<220>
<221> misc_feature
<222> (196)..(200)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (310)..(310)
<223> n is a, g, c or t

<400> 241
ctgagtttgc ggagaggtca gtaactaaat tggagaaaag cattgatgac ttagaagaga 60
aagtggctca tgccaaagaa gaaaacctta gtatgcatca gatgctggat cagactttac 120

157

tggagttaaa caacatgtga aaacctcctt agctgcgacc acattctttc attttgtttt 180
gttttgtttt gttttnnnnn taaacacctg cttaccctt aaatgcaatt tatttacttt 240
taccactgtc acagaaacat ccacaagata ccagctaggt cagggggtgg ggaaaacaca 300
tacaaaaagn caagcccatg tcagggcgat cctggttcaa atgtgccatt tcccgggttg 360
atgctgccac actttgtaga gagtttagca acacagtgtg cttta 404

<210> 242

<211> 128

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36792_at HG-U95Av2

<400> 242

gaagaagttc ctttcctttc tgattggcac acgtgcagct catgacaatc tgtaggataa 60
caatcagtgt ggatttccac tcttttcagt ccttcatgtt aaagatttag acaccacata 120
caactggt 128

<210> 243

<211> 571

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36825_at HG-U95Av2

<220>

<221> misc_feature

<222> 74, 78, 453..468, 540, 542..545

<223> n is a, g, c or t

<400> 243

cttggtttca ctagtagtaa acattattat tttttttata ttgcaaagg aaacatatct 60
aatccttcct atangaanga acagtattgc tgtaattcct tttcttttct tcttcatttc 120

158

ctctgccct taaaagattg aagaaagaga aacttgtaa ctcatatcca cgttatctag 180
caaagtacat aagaatctat cactaagtaa tgtatccttc agaattgtgtt gggttaccag 240
tgacacccca tattcatcac aaaattaaag caagaagtcc atagtaattt atttgctaatt 300
agtggatttt taatgctcag agtttctgag gtcaaatttt atcttttcac ttacaagctc 360
tatgatctta aataatttac ttaatgtatt ttggtgtatt ttcctcaaatt taatattggg 420
gttcaagact atatctaatt cctctgatca ctnnnnnnnn nnnnnnnnta ttaaattgtaa 480
ggcacttttc tatgaatttt aaatataaaa ataaatattg ttctgattat tactgaaan 540
annnnagcca tttcaatgtc ttgggaaaca a 571

<210> 244
<211> 75
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36852_at HG-U95Av2

<400> 244
ccacggctat ccttatagtg atctggactt tgagtgagaa gatgtgattt ggaccatggc 60
acttaaaaac tctat 75

<210> 245
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36879_at HG-U95Av2

<220>
<221> misc_feature
<222> 155, 168, 193, 306
<223> n is a, g, c or t

159

<400> 245

cgagccctgt gctcggaag tcccgcagaa cgccggcagc tgctgcctcg cgcccgggag 60
caggaggagc tgctggcgcc cgcagatggc accgtggagc tggtcggggc gctgccgctg 120
gcgctggtgc tgcacgagct cggggccggg cgcanccgcg ctggggganc cgtccgcctg 180
ggggtggggc canagctgct ggtcgacgtg ggtcagaggc tgcgccgtgg gaccccctgg 240
ctccgcgtgc accgggacgg ccccgcgctc agcggcccgc agagccgcgc cctgcaggag 300
gcgctngtac tctccgaccg cgcgccattc gccgccccct cgcccttcgc agagctcgtt 360
ctgccgccgc agcaataaag ctcccttgcc gcgaaaa 397

<210> 246

<211> 522

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36929_at HG-U95Av2

<220>

<221> misc_feature

<222> 106, 109, 165..235, 239, 243, 246..251, 323

<223> n is a, g, c or t

<400> 246

gtgcccggat ccagagtgtg aagacagagg cagaggagct gtttggggag accatggaga 60
tgatggacag gatgaaagac atggagttag agctgctgcg gggcancna ggccatcatg 120
ctgcgctcag cggacctgac aggactggag aagcgtgtgg agcannnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnngccng 240
ttncnnnnnn natctgccgc ctttgctttt ggttgggggc agattggggtt ggaatgcttt 300
ccatctccag gagactttca tgnagcctaa agtacagcct ggaccacccc tgggtgtgtag 360
ctagtaagat taccctgagc tgcagctgag cctgagccaa tgggacagtt acacttgaca 420
gacaaagatg gtggagattg gcatgccatt gaaactaaga gctctcaagt caaggaagct 480

160

gggctgggca gtatcccccg cctttagttc tccactgggg ag

522

<210> 247

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 36965_at HG-U95Av2

<220>

<221> misc_feature

<222> (97)..(119)

<223> n is a, g, c or t

<400> 247

aatgcttgcc gcttttagagg tggatggtgc tcataaaagg cccagtcgg gggatatttaa 60

aaaggactga acagaaatcc ttagctagta gaatggnnnn nnnnnnnnnn nnnnnnnnt 120

gtattgtgta ctggctataa gatgtagaca cctttcagta agccaatcat ttgtaaccat 180

tctagcagtg tcatattagg ttaataaggc tgctgtgttt taaagggcat ttttatttgg 240

gttttggtga aattctttta tttgttgatt atattcacat aaaatcagca ttcattgaca 300

catagctcta atgacatatg tatgaaaaac catacactgg atgacctagt cgattatt 358

<210> 248

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37015_at HG-U95Av2

<220>

<221> misc_feature

<222> (29)..(29)

<223> n is a, g, c or t

161

<220>

<221> misc_feature

<222> (68)..(68)

<223> n i s a , g , c o r t

<220>

<221> misc_feature

<222> (103)..(103)

<223> n i s a , g , c o r t

<220>

<221> misc_feature

<222> (129)..(129)

<223> n i s a , g , c o r t

<400> 248

gtgaaaatct ctcagaagaa ctcataaang aaaatacaag agtggagaga agctcttcaa 60

tagctaangc atctccttac agtcactaat atagtagatt ttnaaagaca aaatttttct 120

tttcttgant ttttttaaac ataagctaaa tcatattagt attaatacta cccatagaaa 180

acttgacatg tagcttcttc tgaaagaatt atttgccttc tgaaatgtga cccccaagtc 240

ctatcctaaa taaaaaaaga caaattcgga tgtatgatct ctctagcttt gtcatagtta 300

tgtgattttc ctttgtagct acttttgcag gataataatt ttatagaaaa ggaacagttg 360

catttagctt ctttccctta gtgactcttg aagtacttaa catcacgtt aactgcagag 420

taaattgctc tgttcccagt agttataaag tccttg 456

<210> 249

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37027_at HG-U95Av2

162

<220>

<221> misc_feature

<222> 26..53, 134..159, 322..348, 420, 441..478

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 480, 481, 483

<223> n is a, g, c or t

<400> 249

gttgacagacg gaggtcaggt cttccnnnnn nnnnnnnnnn nnnnnnnnnn nnnagcaaac 60

gcccacagat ggcccagagg tgggtgtagt cagggtgtgt ggggtgtttt agggttcttt 120

agtgttggtt cttnnnnnnn nnnnnnnnnn nnnnnnnng tttggtgctg acggtgagag 180

gaaattagaa tctgtttgca aattgtccaa cccaccccct caacatgagg ggcttccatt 240

ttctgtgttt tgtaaggga ctgtttcctt catgccgcca tgttctgat attagttctg 300

atttcttttt aacaaatgtt annnnnnnnn nnnnnnnnn nnnnnnnnta atggccaatt 360

aactgagaat gtaagaaaat tgatgctgta caaggcaaataa aaagctgttt attaaccttn 420

aaaaaaaaa aaaaaaaaaa nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnan 480

ncngccatgt tcttgatatt agttctgat 509

<210> 250

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37168_at HG-U95Av2

<400> 250

cagttgctca tttttatggg attgcttagc tgggctgtaa agatgaaggc atcaaataaa 60

ctcaaagtat ttttaaattt ttttgataat agagaaactt cgctaacc aa ctgttctttc 120

ttgagtgtat agcccatct tgtggtaact tgetgcttct gcacttcata tccatatttc 180

163

ctattgttca ctttattctg tagagcagcc tgccaagaat tttatttctg ctgttttttt 240
tgctgctaaa gaaaggaact aagtcaggat gttaacagaa aagtccacat aaccctagaa 300
ttcttagtca aggaataatt caagtcagcc tagagaccat gttgactttc ctcatgtgtt 360
tccttatgac tcagtaagtt ggcaaggccc tgacttttagt ctta 404

<210> 251
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37185_at HG-U95Av2

<220>
<221> misc_feature
<222> (94)..(113)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (89)..(89)
<223> n is a, g, c or t

<400> 251
ctcaccctaa aactaagcgt gctgcttctg caaaagattt ttgtagatga gctgtgtgcc 60
tcagaattgc tatttcaaatt tgccaaaant ttannnnnnnn nnnnnnnnnn nnnctgctct 120
tctgaacaac ttctgctacc cactaaataa aaacacagaa ataattagac aattgtctat 180
tataacatga caaccctatt aatcatttgg tcttctaaaa tgggatcatg cccatttaga 240
ttttccttac tatcagttta tttttataac attaactttt actttgttat ttattatttt 300
atataatggt gagtttttaa attattgctc actgcctatt taatgtagct aataaagtta 360
tagaagcaga tgatctgtta atttcctatc taataaatgc ctttaattgt tctcataatg 420
aagaataagt aggtatccct ccatgccctt ct 452

164

<210> 252
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37187_at HG-U95Av2

<220>
<221> misc_feature
<222> 36, 55, 59, 67, 78, 117, 137, 318, 331..350
<223> n is a, g, c or t

<400> 252
cgccctaattgt gtttgagcat cacttaggag aagtcntcta tttattttatt tattnattna 60
tttggttngtt ttagaagntt ctatgttaat attttatgtg taaaataagg ttatgantga 120
atctacttgc acactcnccc atttatattta ttgtttattt taggtcaaac ccaagttagt 180
tcaatöctga ttcataattta atttgaagat agaaggtttg cagatattct ctagtcattt 240
gttaatatatt cttcgtgatg acatatcaca tgtcagccac tgtgatagag gctgaggaat 300
ccaagaaaat ggccagtnag atcaatgtga nnnnnnnnnn nnnnnnnnnn gtctatttttg 360
taactgtaaa gatgaatgct agttggttatt tattgaaatg atttcacagt gtgtgggtcaa 420
cattttctcat gttgaagctt taag 444

<210> 253
<211> 572
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37218_at HG-U95Av2

<220>
<221> misc_feature
<222> (54)..(54)
<223> n is a, g, c or t

165

<220>

<221> misc_feature

<222> (68)..(68)

<223> n i s a , g , c o r t

<220>

<221> misc_feature

<222> (80)..(80)

<223> n i s a , g , c o r t

<400> 253

gtgtaccaga tttcagaact tatatttcca cctcttccaa tgtggcacc c tttngcccag 60

aaaaaagncc aggaatgtan tcgagggaat ggccatcaga atcactatcc tcctcctgtt 120

ccatttggtt atccaaatca gggaagaaaa aataaaccat atcgcccaat tccagtgaca 180

tgggtacctc ctcttgaat gcattgtgac cggaatcact ggattaatcc tcacatgtta 240

gcacctcact aacttcgttt ttgatttgtt tgggtgtcatg ttgagaaaaa ggtagaataa 300

accttactac acattaaaag ttaaaaagttc ttactaatag tagtgaagtt agatgggcca 360

aaccatcaaa cttatttttta tagaagttat tgagaataat ctttcttaaa aaatatatgc 420

actttagata ttgatatagt ttgagaaatt ttattaaagt tagtcaagtg ccgaagtttt 480

taatattgga cttgagtatt tatatattgt gcatcaactc tgttggatac gagaacactg 540

tagaagtgga cgatttggtc tagcaccttt ga 572

<210> 254

<211> 503

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37221_at HG-U95Av2

<220>

<221> misc_feature

<222> 315..347, 371..374, 377, 378, 443, 448..450

<223> n i s a , g , c o r t

166

<400> 254

tttatggtcc cacttggtata tgaaaatgtg gttagaatgt taattggata atgtatatat 60
aagaagttaa agtatgtaaa gtataacttc agccacattt ttagaacact gttaaactt 120
tttgcaaaac cttcttgtag gaaaagagag ctctctacat gaagatgact tgttttatat 180
ttcagatttt attttaaaag ccatgtctgt taaacaagaa aaaacacaaa agaactccag 240
attcctggtt catcattctg tattcttact cactttttca agttatctat tttgttgcatt 300
aaactaattg ttaannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnaga actttgacca 360
aggctataaa nnnnacnnac attattttca gtattgttgg ttatatttaa attttcctta 420
caataaagca cacttttata atnaaaannn gaattattgt ttttcatact tttttgcttg 480
tttcttaaag ttttctgacg tgc 503

<210> 255

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37241_at HG-U95Av2

<220>

<221> misc_feature

<222> (219)..(233)

<223> n is a, g, c or t

<400> 255

catgacatct ggaacacaga aagccctcaa tacattgaag ctcttaggat tttcacgatg 60
ttcctgtctg ctcaatgcat gctttcttta ttgttctgac agttgtgtgg taacaagcta 120
atatgcttcc agttgacttc cagtctacco tgggtgttaga aaccgtttca tctcttattg 180
taaatttgag tgcttgttgt tttttatatt tgtgatgann nnnnnnnnnn nnnttgacaa 240
ttggttagagg tttgactttt aaataattac ttattttttc tgattgtggg tcagtttaac 300

167

tgaagaatat cctgagattg taagaaaagc attttttaaa aggtatcact tgtgatcatt 360

tatct 365

<210> 256

<211> 566

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37255_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 37..61, 153, 438..477, 527, 528

<223> n is a, g, c or t

<400> 256

gcttggacag ccagtgccct cgtggnttcg ggaagannnn nnnnnnnnnn nnnnnnnnnn 60

ntgtcccagc ctcccatacc agcaaaatgc cccctgcttc cctaagggtc aggtccagag 120

cagggcccac aagggggatt agagtggcct ggnccctccc cctctacctc agtagccccc 180

aggcctgaga tggctgagaa gggaagggtg tccttttccc acagttcttg gacaaataaa 240

ggggcttcct ttggtacccc acataatagt gctaggtacc tttgacccat catcttggga 300

ggtggggagg aatgagaggg tccaggcagg gtgtagggga atgtattagt ccaatgagat 360

ttccctcttc atccgcagca gtgtatctat tctatacctg gctatgggag agacccttg 420

catgggaggg accccttnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnccc 480

ggcctcccta atgtcattca cattgaatgg ggatgaggtc ggacagnngc tcatagagcc 540

gagtatgagc cctagctgtg ggctag 566

<210> 257

<211> 526

<212> DNA

<213> Homo sapiens

168

<220>

<223> Probe 37286_at HG-U95Av2

<400> 257

cacctttttt gctgtgaaac tgaaatagtg aacttttcta cgtattgaca gcagattttt 60
cgatgaaatc ttcagagctt tgcctatggg gcacagtagg cctagtaacc tggcatgttt 120
gatatatgta ggtaaagcat aatttaaagt aatcccaggt aaagatggcc ctaaatactt 180
tcatgtctct atattcattt ttcacagatc cacctgtctc ttgaaaatat aaaaagacaa 240
aacaggtttg ccttggcatc agagagcaca aagattaaaa gttactttaa atttgccaat 300
attttgggag aacaataaaa ctacattttt tcctcttcca tactggtaga tgcgaaattt 360
atctgtgcat gaaaggggtca cttctgtaat agtgcaacag atttgggtatt aaaaattaaa 420
tgtggtttta aaagttcctc tctcttttgt aatttatgtt cccaattgag tgtgaatgtc 480
caagtaatgg tgtatgtaat ggtacaggca aatgtgactg gatttc 526

<210> 258

<211> 143

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37287_at HG-U95Av2

<400> 258

tgtaaattgg tctcggagct tctttgggtt aaaggtcta atgccaggaa cagcatataa 60
agttcgagtt ggtgctgtgg gggactctgg ttttgtgagt tcagaggatg tgtttgagac 120
aggcccagcg atggcaagcc ggc 143

<210> 259

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37288_g_at HG-U95Av2

169

<220>

<221> misc_feature

<222> (113)..(187)

<223> n is a, g, c or t

<400> 259

ctcagggctg gttcattggg ctgatgtgtg ctggtgctct ccttatctta attttgctga 60

ttgtttgctt catcagaaga aacaagggtg gtaaataatcc agttaaagaa aannnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnaga agaccacaag cctttgaaaa aaggaagtcg aactccttca gacaggactg 240

tgaaaaaaga agatagtgac gacagcctag ttgactatgg agaaggggtt aatggccagt 300

tcaatgagga tggctccttt attggacaat acagtggtaa gaaagagaaa gagccggctg 360

aaggaaacga a 371

<210> 260

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37352_at HG-U95Av2

<400> 260

gatgccaaga cttggcctgc agaatgtcag gaatgtgaat taaaagctgc tgtttccaga 60

cgctttttat tctgagcacc ttcactacct tgtatccagt tcatctggga actccttttt 120

gcattttaga aaatggaaag aggcaggaaa ttatgataaa ctcatgttta acagaaagag 180

tttactgac taaatgtatg taattatatt ttgttggtgt agaagaaata aatagcaaata 240

ttgtgggtatt ctttttttta aacctgctct cattcctatt aacactaaga tottagatatt 300

ttatagtgat aaatgggttg acatcattgt catttgtaat tgtaaagcct caaaagacaa 360

ctgttcttac tatgtaatta tagacag 387

170

<210> 261
<211> 156
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37353_g_at HG-U95Av2

<400> 261
aagcaagcat ggtgagaagg ctcctatgac ttctagaagt acatctactt ggagaatacc 60

cagcaggaag agacgtttca gcagtagtga cttttcagac ctgagtaatg gagaagagct 120

tcaggaaacc tgcagctcat ccctaagaag aggggtc 156

<210> 262
<211> 555
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37354_at HG-U95Av2

<220>
<221> misc_feature
<222> 205, 208, 212, 216, 253, 270, 273, 282, 320, 326, 490..508
<223> n is a, g, c or t

<400> 262
ttctactttg gaaaaacaca gtgggaaaag aagaaaaaag agaaggcata gatctaaagt 60

aatggtctc caaagaggga gaaagaaaga cagacctaga aaacatttaa ctctgaataa 120

caaagtccaa aagaaaagat ggcaacaaag aggaagaaaa gccaacacta gacctttgaa 180

aagaagaaga aaaagagggtc caagnatncc cnaagntgaa aatattaatt ttaaacaatc 240

tgaacttcct gtnacctgtg gtgagggtgan ggncactcta tntaaggagc gattcaaaca 300

aggaacctca aagaagtgtg tacagngtga ggataaaaaag tggttcactc ccagggaatt 360

tgaaattgaa ggagaccgag gagcatccaa gaactggaag ctaagtatac gctgcggtgg 420

atataccctg aaagtcctga tggagaacaa atttctgccga gaaccaccaa gcacaagaaa 480

171

aaaggtgatn nnnnnnnnnn nnnnnnnnaa tgtctcgtct attatgttgt tgattttcta 540
tctctgtgga cttac 555

<210> 263
<211> 166
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37377_i_at HG-U95Av2

<400> 263
ctctgtgcag tcaactggagg ttgaagccaa gtgggggtgct gggaggaggg agagggaggt 60
cactggaaag gggagagcct gctggcaccc accgtggagg aggaaggcaa gaggggggtgg 120
aggggtgtgg cagtggtttt ggcaaacgct aaagagccct tgcctc 166

<210> 264
<211> 208
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37383_f_at HG-U95Av2

<220>
<221> misc_feature
<222> 46, 63, 105, 106, 115, 127, 132, 133, 146, 154, 155, 165
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 177, 183
<223> n is a, g, c or t

<400> 264
cctttgtgac ttcaagagcc tctggcatct ctttctgcaa aggcantga atgtgtctgc 60
gtncctgtta gcataatgtg aggaggtgga gagacagccc acccnngtgt ccacngtgac 120
ccctgtncct annctgacct gtgttncctc cccnntcctc tttcntgttc cagagangtg 180

172

ggnctggatg tctccatctc tgtctcaa

208

<210> 265

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37388_at HG-U95Av2

<400> 265

ttgacaaatg tatatgcctg agaactttga atgatgctga aagctagaag caaaccaggt 60

actcttcagt cagggactgg ttgaagattt tatggatgag gagttagcaa aatatctata 120

tatgcatatc ttctgactcc cagggataca taagaaacac agggcctaga acagtatgaa 180

taaacacaca tatacacaaa catcacagaa gatactaaag gtat 224

<210> 266

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37393_at HG-U95Av2

<220>

<221> misc_feature

<222> 46, 57, 177..179, 187

<223> n is a, g, c or t

<400> 266

tcccgatggc cagtttgctt tcctcattcc caacggggcc ttgcncaca gcggcctgt 60

catccccgtc tacaccagca acagcggcac ctccgtgggc cccaacgcag tgtcaccttc 120

cagcggcccc tcgcttacgg cggactccat gtggaggccg tggcggaact gaggggnnt 180

caggccnacc cctcctccta aactcccaa cccaactctc ttccctccgg actctaaaca 240

ggaacttgaa tactgggaga gaagaggact tttttgatta agtggttact ttgtgttttt 300

173

ttaatttcta agaagttact ttttgtagag agagctgtat taagtgactg accatgcact 360
atatttgtat atatatttata tgttcatatt ggattgcgcc tttgtattat aaaagctcag 420
atgacatttc gttttttaca cgagat 446

<210> 267
<211> 316
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37402_at HG-U95Av2

<220>
<221> misc_feature
<222> (90)..(90)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (95)..(95)
<223> n is a, g, c or t

<400> 267
aaaggtcacc tgcaagaacg ggcagggcaa ctgctacaag agcaactcca gcatgcacat 60
cacagactgc cgctgacaa acggctccan ggtancccca actgtgcata ccggaccage 120
ccgaaggaga gacacatcat tgtggcctgt gaagggagcc catatgtgcc agtccacttt 180
gatgcttctg tggaggactc tacctaaggt cagagcagcg agatacccca cctccctcaa 240
cctcatcctc tccacagctg cctcttcctt cttccttccc tgctgtgaaa gaagtaacta 300
cagttagggc tcctat 316

<210> 268
<211> 470
<212> DNA
<213> Homo sapiens

174

<220>

<223> Probe 37417_at HG-U95Av2

<220>

<221> misc_feature

<222> (316)..(316)

<223> n is a, g, c or t

<400> 268

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ccgctcttct tgaatcatgc tgggctgccc ctgctcagca cccgcctgg tgtgggcctg      60
gtctcagcag cggtgcggc tgtggcagcc tccatctcca gcaagtctcc tggcctctcc      120
tcctcatcct cttcatcctc atcctcctcc tcctccactt gcagcgagac ggcagcacag      180
accctggag gtccaggggg gcccgaggca gggtcctaac ctgagtgagg gccagccatg      240
cctccctccc cattcctctg gtccctgcct tggctccctg cctgggaaga gggcgaggag      300
gccagtgggtg gggacncaga gggctctcag agcaggagtg acaaggagg aaagaccaa      360
aaaacaacca accaaaaaaaa aaaaaaaaaa aggaaagaaa ctaaccaaca aaagagaaaa      420
caaaaaataa tcacaacaga aaccagctgc cccaaaggaa ccagaggtga      470
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<210> 269

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37419_g_at HG-U95Av2

<400> 269

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gagaaacgca tcaaccctg cagtgcggcc cccatgctgc ccagcccagg gaagccggcc      60
agctacagcc cccatatggt cacaccccaa gggggcgcg ggaccttacc gttgtcccaa      120
gcttcagca gtctgagcac aacagttact acctatcct cagctgtggg gacgctccac      180
cccagccgga cagctggagg ggggtggggc gggggcgggg ctgcgcccc cctcaattcc      240
atccctctg tcactcccc accccggcc accaccaaca gcacaaacc cagccctcaa      300
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175

ggcagccact cggctatcgg cttgtcaggc ctga

334

<210> 270

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37420_i_at HG-U95Av2

<220>

<221> misc_feature

<222> 260, 265, 267, 268, 303..318, 417..457

<223> n is a, g, c or t

<400> 270

cgcagatcct ccaaaggcac acgttgccca ccaccccatc tctgaccatg aggccaccct 60

gaggtgctgg gccctgggct tctaccctgc ggagatcacg ctgacctggc agcgggatgg 120

ggaggaacag acccaggaca cagagcttgt ggagaccagg cctgcagggg atggaacctt 180

ccagaagtgg gccgctgtgg tgggtgccttc tggagaggaa cagagataca catgccatgt 240

gcagcacgag gggctgceen agccncnnat cctgagatgg gagcagtctc cccagcccac 300

cannnnnnnn nnnnnnnntc gttgctggcc ttgttgcctc tggagctgtg gtcactggag 360

ctgtggctgc tgctgtgatg tggaggaaga agagctcaga tagaaacaga gggagcnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnggt gtctctcaca gctaataaag 480

tgtgagacag cttccttgtg tgggactgag aagcaagata tcaatgtagc agaattgcac 540

ttgtgcctca cgaacataca t 561

<210> 271

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37421_f_at HG-U95Av2

176

<220>

<221> misc_feature

<222> 39, 299, 304, 306, 307, 342..357, 456..496

<223> n is a, g, c or t

<400> 271

ccgcagatac ttggagaatg ggaaggagac gctacagcnc gcagatcctc caaaggcaca 60

cgttgcccac caccocatct ctgaccatga ggccaccctg aggtgctggg ccctgggctt 120

ctaccctgcg gagatcacgc tgacctggca gcgggatggg gaggaacaga cccaggacac 180

agagcttggt gagaccaggc ctgcagggga tggaacctc cagaagtggg ccgctgtggt 240

ggtgccttct ggagaggaac agagatacac atgccatgtg cagcacgagg ggtgcccna 300

gccncnnatc ctgagatggg agcagtctcc ccagcccacc annnnnnnnn nnnnnntcg 360

ttgctggcct tgttgctcct ggagctgtgg tcaactggagc tgtggctcgt gctgtgatgt 420

ggaggaagaa gagctcagat agaaacagag ggagcnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnggtg tctotcacag ctaataaagt g 521

<210> 272

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37423_at HG-U95Av2

<220>

<221> misc_feature

<222> (227)..(227)

<223> n is a, g, c or t

<400> 272

ttcataaatg ttctatacag tggacagccc tccagaatgg tacttcagtg cctagtgtag 60

taactgaaat cttcaatgac acattaacat cacaatggcg aatgggtgact tttctttcac 120

gatttcatta atttgaaagc acacaggaaa gttgctccat tgataacgtg tatggagact 180

177

tcgggttttag tcaattccat atctcaatct taatggtgat tcttctntgt tgaactgaag 240
 tttgtgagag tagttttcct ttgctacttg aatagcaata aaagcgtggt aactttttga 300
 ttgatgaaag aagtacaaaa agccttttagc cttgaggtgc cttctgaaat taaccaaata 359

<210> 273
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 37452_at HG-U95Av2

<220>
 <221> misc_feature
 <222> 44, 104, 131..150, 272..286
 <223> n is a, g, c or t

<400> 273
 tagagactca actatccaag tgggtggagaa tggggagtcc tccnagggcc gatthttccgt 60
 ccagatgttc cggtttgctg gaaactatga cctagtctac ctgnactgtg aagtctatct 120
 ctgtgacacc nnnnnnnnnn nnnnnnnnnn tacctgctct gggaccagat tccgaagtgg 180
 gagtgtcata gatcaatccc gtgtcctgaa cttgggtccc atcacacgga aaggtgtcca 240
 ggccacagtc tcaagggctt ttagcagctt gnnnnnnnnn nnnnnntggc tgcctctgct 300
 tctctcggcc accttgacct tgacttttca gtgactgaca gcggaaagcc ctgtgctcca 360
 tggctgccat ctcacctcct gctgggcagg gggcatgatg cgggccagtg ctccagccac 420
 agaaaagaaa gttcatgctt tgttcagcct gccttct 457

<210> 274
 <211> 577
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 37459_at HG-U95Av2

178

<220>

<221> misc_feature

<222> 29..63, 74..76, 80..83, 86, 87, 105, 107..114, 116..119

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 123, 127, 131, 132, 134..138, 140..142, 285, 287, 289..291

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 293..296, 298, 301..303, 311, 497, 521, 528, 530, 532..535

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 537..539, 541..546

<223> n is a, g, c or t

<400> 274

gagaccgggt gttcctccag atgccctcnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnntccactc ctcnnnttcn nnntanntat tgtatcccat gtaanannnn nnnnnnnna 120

aanaanaaaa nnannnnnn nntatagaag aaaatgacac accaaaaaat ccaaataaaa 180

aacataattg cttcaaaaaca cttacacagt tggaaagtta tatgtaagtg aaaatttgga 240

ccattgtgta caaataaaaa ctaagatgca tgtttaatac tccananann ngnnnnngnaa 300

nnncgaatga ntgggataga gttatgtatc aagtactgac acttggttgt acccactgga 360

atcatattag ctgttttatg ttatatgctt ccacagtaac ctgcttattc agatcagtca 420

aaatatatca gtatgaaaga tcatagctaa tgaaaggcac tcaactcatat tgtttacttt 480

aaaatattta taaatangcc ttaaagaaat acaaataata ncaattanan annnnnnna 540

nnnnnntaat ttcctctgta tttgtgtaga tacttttg 577

179

<210> 275
 <211> 477
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 37461_at HG-U95Av2

<220>
 <221> misc_feature
 <222> (26)..(26)
 <223> n is a, g, c or t

<220>
 <221> misc_feature
 <222> (326)..(343)
 <223> n is a, g, c or t

<400> 275
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 gaggaactgt ctggaactat tttcaaagac ttaagcccag tgcactgaaa gtcacggctg 120
 cgcactgtgt cctcttccac cacagagggc gtgtgctcgg tgctgacggg acccacatgc 180
 tccagattag agcctgtaaa ctttatcact taaacttgca tcacttaacg gaccaaagca 240
 agaccctaaa catccataat tgtgattaga cagaacacct atgcaaagat gaacccgagg 300
 ctgagaatca gactgacagt ttacannnnn nnnnnnnnnn nnnnaagaatg ttatgtgcaa 360
 gtttatcagt aaataactgg aaaacagaac acttatgtta tacaatacag atcatcttgg 420
 aactgcattc ttctgagcac tgtttatata ctgtgtaaat acccatatgt cctgaat 477

<210> 276
 <211> 475
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 37484_at HG-U95Av2

180

<220>

<221> misc_feature

<222> 104..165, 252..270, 359..361, 365..379

<223> n i s a , g , c o r t

<400> 276

tcttctgaca tcagccaagt caatgtttcg cttatcttgt ggaaaccaac tttataaaaa 60

tcatatTTTT ccagcttaaa tcttactata aggggagaac ttcnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnatatt caaagatggg 180

ctaccgggca gaggccatt atgggtcatc ctgctgagtg cttttgccgg attgttgctg 240

ttaatgctgc tnnnnnnnnn nnnnnnnnnn attggattct tcaaaagacc actgaaaaag 300

aaaatggaga aatgaaatat tttagcagaag aaaataataa caattattca ataattctann 360

ntcannnnnn nnnnnnnnnnt gtgacaagaa atgtataatt catgacatag tcatgtaact 420

atgtaatcca tcagggattc attacttgga aaatgacagg tcatgcatta tccaa 475

<210> 277

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37493_at HG-U95Av2

<400> 277

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tttcatgtaa aattttaatt atttttgaat gtgtggatgt gagactgagg tgccttttgg 120

tactgaaatt ctttttccat gtacctgaag tgttactttt gtgatatagg aaatccttgt 180

atatatactt tattggtccc taggcttcct attttgttac cttgctttct ctatggcatc 240

caccattttg attgtttctac ttttatgata tgttttcata agtgggtaag caagtattct 300

cgttactttt gctcttaaat ccctattcat tacagcaatg ttgggtgtca aagaaaatga 360

taaacaactt gaatgttcaa tggctcctgaa atacataaca acatttttagt acattgtaaa 420

181

gtagaatcct ctgttcataa tg

442

<210> 278

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37494_at HG-U95Av2

<220>

<221> misc_feature

<222> (155)..(182)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (220)..(259)

<223> n is a, g, c or t

<400> 278

gcccccttgg gaggtcaaca agcctgggga ggtgtgttga gacccccagg cctagacagg 60

caaggggatg gagagggctt gccttccctc ccgcctgacc ttcctcagtc atttctgcaa 120

agccaagggg cagcctcctg tcaaggtagc tagannnnnn nnnnnnnnnn nnnnnnnnnn 180

nnggccccct tgaccttcag caaatcaactt ctctccctgn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnt ttttcctgtc aggttaactt atttgtaggt tctgcattat 300

tagaactttc tagatatact cattccatct cccctcatt tttttaatca ggtttccttg 360

cttttgccat ttttcttctt tcttttttca ctgatttatt atgagagtgg ggctgaggtc 420

tgagctgagc cttat 435

<210> 279

<211> 442

<212> DNA

<213> Homo sapiens

182

<220>

<223> Probe 37514_s_at HG-U95Av2

<220>

<221> misc_feature

<222> (315)..(336)

<223> n is a, g, c or t

<400> 279

ctgaacctgt gttcggggcgc ctggcatccc ccggctttcc aggggagtat gccaatgacc 60
aggagcggcg ctggaccctg actgcacccc ccggctaccg cctgcgcctc tacttcaccc 120
acttcgacct ggagctctcc cacctctgcg agtacgactt cgtcaagctg agctcggggg 180
ccaagggtgct ggccacgctg tgcgggcagg agagcacaga cacggagcgg gcccttgcca 240
aggacacttt ctactcgctg ggctccagcc tggacattac cttccgctcc gactactcca 300
acgagaagcc gttnnnnnnn nnnnnnnnnn nnnnnncagc cgaggacatt gacgagtgcc 360
aggtggcccc gggagaggcg cccacctgcg accaccactg ccacaaccac ctgggcggtt 420
tctactgctc ctgccgcgca gg 442

<210> 280

<211> 532

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37534_at HG-U95Av2

<220>

<221> misc_feature

<222> (142)..(158)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (273)..(305)

<223> n is a, g, c or t

183

<220>

<221> misc_feature .

<222> (430)..(458)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (461)..(488)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (319)..(319)

<223> n is a, g, c or t

<400> 280

cttttatatg ctaaaggagc atctatcaga ttaaggtaga acatttgctg tcagccacat 60

attgagatga cactaggtgc aatagcaggg atagattttg ttggtgagta gtctcatgcc 120

ttgagatctg tgggtggtctt cnnnnnnnnn nnnnnnnnga tcaaggatgt agtatctcat 180

agttcccagg tgatattttt cttattagaa aaatattata actcatttgt tgtttgacac 240

ttatagattg aaatttccta atttattcta aannnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnttggt gttgttttng gatggtgtta catattatat gttctagaaa catgtaatcc 360

taaatttacc ctcttgaata taatccctgg atgatatttt ttatcataaa tgcagaataa 420

tcaaatacan nnnnnnnnnn nnnnnnnnnn nnnnnnnntt nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnngt tgctgttggtg tgatcaaaca tgtctctgtg tagttccagc aa 532

<210> 281

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37565_at HG-U95Av2

184

<220>

<221> misc_feature

<222> (412)..(431)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (28)..(28)

<223> n is a, g, c or t

<400> 281

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agtcacatgag ttatatcctg gctcagtnng agtgatattt atgtattatt tttacttttc      60
tctcagtggtc ttatattaag attaacatgt tgtaaatagt tgctttgttg attaactctct      120
cttggttggtg ttttaataaa tgaaataggc ttgcctttag atcgggtgct gatattgcct      180
gtttcctagt aatgggctga tcaaatagatc agtggaattc ttggtttgat gataacctta      240
ttaattgaaa ttttttactg atgtggcttt aaaagagggt tattttgtat atgttttagaa      300
ctctctgatt ttgatgaatt atatgggaat gagaaacaga agaagtggta tttgctggcg      360
agttaaatag gcaaggtacc cagtataaac accaaccaaa ccactcctat cnnnnnnnnnn      420
nnnnnnnnnn ngatgcctgt tgttttactg tgtatatattt atttttaata tattaacttt      480
gtggattcat ttaagggtcta ctcaaaagta acactgtca                               519
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<210> 282

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37608_g_at HG-U95Av2

<220>

<221> misc_feature

<222> (163)..(254)

<223> n is a, g, c or t

185

<400> 282

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cttgtctgtg cctgggctga ggagggcgcc gacgccctgg gccctgatgg caaattgctc 120
cactcggatg ctttcccgcc accccgcgtg gtggatacac tgnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnncggcaa gaagtgtggc ctgcagggtc ttgatggcat cgtgtgagag 300
caggtgccgg ctctcacac accatggaga ctaccattgc ggctgcatcg ccttctcccc 360
tccatccagc ctggcgtcca gggtgccctg ttcaggggac agat 404

<210> 283

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37611_at HG-U95Av2

<220>

<221> misc_feature

<222> (160)..(182)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (184)..(184)

<223> n is a, g, c or t

<400> 283

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ttaaaaaaaaa aaaactagac tccattgtgc cttactaaat atgggaatgt ctaacttaaa 120
tagctttgag atttcagcta tgctagaggc ttttattagn nnnnnnnnnn nnnnnnnnnn 180
nnangttact aatatatctg taacactatt acagtattgc ttttatatt cattcagata 240
taagatttgt acatattatc atcctataaa gaaacggtat gacttaattt tagaaagaaa 300

186

attatattct gtttattatg acaaataaaa gagaaaatat atatttttaa tggaaagttt 360

gtagcatttt tctaataagg actgccatat ttttctgtgt gg 402

<210> 284

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37637_at HG-U95Av2

<220>

<221> misc_feature

<222> 48..50, 53, 93, 352

<223> n is a, g, c or t

<400> 284

tccttaaaga actggctgat ggggcaggag gtccaggcct gggctctnnn ggnccctccta 60

gagggccatt ggagcttgca gctcagaccc ccnactttga gttttattta tttaaatagt 120

agttggatgc ttggcacgtc gtccctgtaat aggaaaccct tgcctcatca gttttcctga 180

tttacaagtg caatatttta gccaatgcct tgggagaagc tgccatgcaa aggtggacac 240

cattctccag cttcagggga tatgctcgtc ccgggcaccg gtggcaggca gctggccttc 300

tggactaagg cagcctgggg ggacactgca gtctggctac acacagagat cntggcaccc 360

cctgggtgga gtgtccctcg ggggctttgg gaaagcatgg caccctcaga ccacacagta 420

gccaaagttct ggagcaa 437

<210> 285

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37645_at HG-U95Av2

187

<220>

<221> misc_feature

<222> (397)..(411)

<223> n i s a , g , c o r t

<400> 285

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ttatggctgg taacataggt ttttagtcta attgaatccc ttaaactcag ggagcattta 120

taaattggaca aatgcttatg aaattaagat ttgtaatat tctctctttt tagagaaatt 180

tgccaattta ctttggttatt tttccccaaa aagaatggga tgatcgtgta tttatttttt 240

tacttcctca gctgtagaca ggtccttttc gatggtacat atttctttgc ctttataatc 300

ttttatacag tgtcttacag agaaaagaca taagcaaaga ctatgaggaa tatttgcaag 360

acatagaata gtgttggaag atgtgcaata tgtgatnnnn nnnnnnnnnn ntaggaaata 420

ttctgtaatc ttcagacct gaataatact agtcttataa taggtttgtg actttcctaa 480

atcaat 486

<210> 286

<211> 501

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37695_at HG-U95Av2

<220>

<221> misc_feature

<222> (449)..(457)

<223> n i s a , g , c o r t

<220>

<221> misc_feature

<222> (224)..(287)

<223> n i s a , g , c o r t

188

<400> 286

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tccggagcct tcagtgaggg gtagctacat gccccatgcc tgccctttct ttccttcttt 180
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ttgtgttttt gaaatgtcag tacattttgt gccactaaca ctgtgatgta taaaagagct 360
gtttgaatgc cttttaatgt tgtgttttgt actctggaat catatggaaa aagtttgatt 420
tgtaatttca atacatattt taaatgtann nnnnnnnacg tagtttgtcc ccccttttag 480
cagggattcc tttttaaagc t 501

<210> 287

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37701_at HG-U95Av2

<220>

<221> misc_feature

<222> 28..42, 145, 194, 220, 239, 301, 306, 319, 324, 329, 352..368

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 386, 447..462

<223> n is a, g, c or t

<400> 287

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ttcaaagttg ggtagtgaat caggaagcca gtaactgact aggagaagct ggtatcagaa 120
cagcttcct cactgtgtac agaancgcaa gaagggaata ggtggtctga acgtggtgtc 180

189

tcactctgaa aagncaggaa tgtaagatga tgaaagagan caatgtaata ctggttggtnc 240
caaaagcatt taaaatcaat agatctggga ttatgtggcc ttaggtagct gggtgtacat 300
nctttncct aaatcgatnc catngttanc cacatagtag ttttagttta gnnnnnnnnn 360
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actgttgtct catgtaatgc taaaacnnnn nnnnnnnnnn nntgcattgt taaaaatgat 480
gtgtgaaata gaatgagtgc tatggtgttg aaaactgcag tgtccgttat gagtgcctaaa 540
aatctgtctt gaaggcagct acactttgaa gtggtct 577

<210> 288

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37712_g_at HG-U95Av2

<220>

<221> misc_feature

<222> (96)..(101)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (106)..(134)

<223> n is a, g, c or t

<400> 288

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nnnnnnnnnn nnnnacacct acataacatg ccaccatctg ccctcagtca gttgggagct 180
tgcaactagca ctcatttata tcagagttca aatctctccc tgccttctac tcaaagcctc 240
aacatcaagt cagaacctgt ttctcctcct agagaccgta ccaccacccc ttcgagatac 300

190

ccacaacaca cgcgccacga ggcggggaga tctcctgttg acagcttgag cagctgtagc 360
agttcgtacg acgggagcga ccgagaggat caccggaacg aattccactc cccattgga 420
ctcaccagac cttcgccgga cgaaaggga agtcctcag tcaagcgcac gcgactttct 480
gaaggatggg c 491

<210> 289

<211> 585

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37745_s_at HG-U95Av2

<220>

<221> misc_feature

<222> 72, 89..103, 139, 194..202, 204..206, 208, 209, 212

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 214..216, 229, 230, 232, 233, 240..266

<223> n is a, g, c or t

<400> 289

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tatattccca anggggccgg gtgctttcnn nnnnnnnnnn nnnatggatg aagtttcgct 120
gggtgctcgt gactggccna gttttgtgca gctgactgtc tcagccaaac cactgatctt 180
ccctggaggc cttnnnnnnn nncnnncnng cntnnncctg aggtcccenn tnnccagtcn 240
nnnnnnnnnn nnnnnnnnnn nnnnnntggt atgtacagga ggacctttta aaaaaatcaa 300
gtttctatct tttgctggta gtccgcatac ccataccctc tgtttttgaa aggcaaaggc 360
caatcagtcc ccatttgtag catggcacca gggctctagg cctagtcctc tcattcctcc 420
caccctccga gatggtcagt gtgtcatggg aagcccaccc ccagctctgc cagtgtcttc 480
tgggcctggc tcccagtcag tgggtggccac gatgcggtac agggcatccc tccttcccat 540

191

ctacgggtgt tctcaataaa caatgtacag ttgtttgggc ccaga

585

<210> 290

<211> 532

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37749_at HG-U95Av2

<220>

<221> misc_feature

<222> (32)..(32)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (109)..(123)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (247)..(299)

<223> n is a, g, c or t

<400> 290

ctctgccaga gtagtgaagc taattaaaca cntttgggtt ctgaataaat tgaactaaat 60

ccaaactatt tcctaaaatc acaggacatt aaggaccaat agcatctgnn nnnnnnnnnn 120

nnngttatta gctgggaaga ccaattctaa cagcaaataa cagtctgaga ctcctcatat 180

ctcagtgggtt agaagcatgt ctctcttgag ctacagtaga ggggaaggga ttgttgtgta 240

gtcaagnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnt 300

gcctgtccca gagaggcttt ccaatgtagc tcagtaattc ctgttacttt acagacagga 360

aagttccaga aactttaaga acaaactctg aaagacctat gagcaaatgg tgctgaatac 420

ttttttttta aagccacatt tcattgtctt agtcaaagca ggattattaa gtgattattt 480

192

aaaattcggtt tttttaaaatt agcaacttca agtataacaa ctttgaaact gg

532

<210> 291

<211> 312

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37785_at HG-U95Av2

<220>

<221> misc_feature

<222> 135, 140, 141, 143..151, 154..156, 158, 160, 161

<223> n is a, g, c or t.

<220>

<221> misc_feature

<222> 163..170, 173, 174, 176..212, 220, 258

<223> n is a, g, c or t

<400> 291

ttggggggcct acagcagcct caccttcagc ttcatgcctc ttccacacag cgtttccatg 60

cagggtcaggg gatggggaggg gtccctgagc ccttccttc ccctctaagg aggcagcaac 120

ggcagagtgg ggaantggan ngnnnnnnnn nctnnntngn ntnnnnnnnn ccnnngnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncagagccn aatgagaagg aaacctcatc 240

tttgcatagc ccatgccttc atggagaggt gacatcatatc attcacatgc ttctcaccta 300

agtccccagg gt 312

<210> 292

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37823_at HG-U95Av2

193

<220>

<221> misc_feature

<222> (35)..(35)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (38)..(38)

<223> n is a, g, c or t

<400> 292

cccaggtgca gtgtgacatt attttattat aacancnca aagagattat ttttaaataa 60

tttaaagcat aatatttctt aaaaagtatt taattatatt taagttgttg atgttttaac 120

tctatctgtc atacatccta gtgaatgtaa aatgcaaaat cctggtgatg tgttttttgt 180

ttttgttttc ctgtgagctc aactaagttc acggcaaaat gtcattgttc tccctcctac 240

ctgtctgtag tgttgtgggg tcctcccatg gatcatcaag gtgaaacact ttggtattct 300

ttggcaatca gtgctcctgt aagtcaaagtg tgtgctttgt actgc 345

<210> 293

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37830_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 34, 49, 67, 68, 72, 78, 80, 313, 314

<223> n is a, g, c or t

<400> 293

acctgcctgc gctctccaga tatganccct gcanccaccc cccacagcnt gccctacccc 60

acctacnntg cntcagcntn ggacttctca gtgggtggag tgccagggag gaggaggcac 120

acggagacct ggggctcggg gccctggat tcctgcatct gcatatgcgt atttgccaaa 180

194

gacgacaggg tgggctgggg tgcgctccgg aggaaccccc ggcactgatg ggcttctgcc 240
cctgcccttc ctcacactga cactttgtcc ccacatgggg tggggagcag agtgcccgcc 300
ccgtggagat acnnccccag cgggggctgc gacatccatg gccaccatgg ggcacctggc 360
ggggcggggg tctgccggcc tctgggcaag gcccctggag catctcgccc aggcttttta 420
tacottacaa tgtaactttt ttatatttatt ttactctatg attattcagg aatattatct 480
ctcagataag t 491

<210> 294
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37841_at HG-U95Av2

<220>
<221> misc_feature
<222> (286)..(286)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (339)..(359)
<223> n is a, g, c or t

<400> 294
gaaagcagga ttccatcgct ggaacaatta catgatggac tggaaaaatc aatttaacga 60
ttacactagc aagaaagaaa gttgtgtggg tctctaatta atagatttac cttttataga 120
acatattttc ctttagatca aggcaaaaat atcaggagct tttttacaca cctactaaaa 180
aagttattat gtagctgaaa caaaaatgcc agaaggataa tattgattcc tcacatcttt 240
aacttagtat ttacctagc atttcaaaac ccaaagggtt agaacntggt taattaaatt 300
tcacaatata aagttctaca gttaattatg tgcatatnnn nnnnnnnnnn nnnnnnnntt 360

195

tctttctttc cttaataaat ttaagttttt tccccccaaa attatcagtg ctctgctttt 420

agtcacgtgt attttca 437

<210> 295

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37944_at HG-U95Av2

<220>

<221> misc_feature

<222> (138)..(139)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (146)..(146)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (153)..(153)

<223> n is a, g, c or t

<400> 295

ccactttgat gctatttggg ttatgatggg gcaagatggc agaggtattg ggtttttttg 60

ttttttcca ttctotcta cttctgttct ctagcttttt ctttotggag ttttaagtaca 120

gtgatgggtg gcttgagnnc cttttnaaat ctngcccagt ataaacatta gcctgcttaa 180

tatttagaca tttataggta gaattctgag cactcaactc atgtttggca ttttaaagta 240

aaaacaagtg tgacttcgag gaccaaagaa attgtcagct atacatttat ctttatgaac 300

tcatttatat tcctttttta tgactcgttg ttctaacatt tcctagaagt gttcttataa 360

aggtctaattg tatccacagg ctgttgtctt attagtaaatt gcaaagtaat gactttgtct 420

196

gttttactct agtcttttagt acttcaaaat taccttttca tatccatgat cttgagtcca 480
tttggggggat ttttaagaat ttgatgtatt tcaatacact gttcaaaatt aaattgttta 540
attttatgta tgagtatgta tgttcctgaa gttggctcta tt 582

<210> 296
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38022_s_at HG-U95Av2

<220>
<221> misc_feature
<222> (39)..(65)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (234)..(340)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (377)..(402)
<223> n is a, g, c or t

<400> 296
tcaacaaggg cctggtggac aagatcatgg tggaccgcnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnggctt cgaggacca cgcaccaaga ccaagatgtc ggccgcccag gccctgaaga 120
agggctggct ctactacgag gccggccagc gcttcctgga ggtgcagtac ctgaccggcg 180
gcttgatcga gcccgacacg ccggggccgcg tgccccctgga cgaggccctg cagnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gctggaccgc agcatggtgg 360

197

aggagggcac ggggctnnnn nnnnnnnnnn nnnnnnnnnn ncccaccaag ggctactaca 420
gccctacag cg 432

<210> 297
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38062_at HG-U95Av2

<220>
<221> misc_feature
<222> (116)..(133)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (400)..(400)
<223> n is a, g, c or t

<400> 297
aatcagtga cctgaagcaa gaaatcttgc cttttaatgt atcattaatt agggctgctg 60
tgatattgtc agcttgcatt aacaattaga agatagagaa cccgccatca gggtgnnnnn 120
nnnnnnnnnn nnngactaca cttggtagtt ttccaccatt taaagaactg gtaaatatga 180
aacatttggt gagttaccag aattgccatt aacagtgttt tctttcccat attccatgct 240
ttctgcctct gtgtatatat ataatatata tgtatatgac tgtgctgtgt atttatcgaa 300
gctagtaagc aataatttat atgtaaaaat ggccaagcaa tataagggtta aaacttatat 360
aagtaaccct taccttatct tgtattttca attttttttn aaaactgctt ttccaaatat 420
gagactatg 429

198

<210> 298
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38066_at HG-U95Av2

<220>
<221> misc_feature
<222> (90)..(90)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (97)..(97)
<223> n is a, g, c or t

<400> 298
ctgatctata caaattttca gaagggttatt ttctttatca ttgctaaact gatgacttac 60
catgggatgg ggtccagtcc catgaccttn ggggtancaa ttgtaaacct agagttttat 120
caactttggt gaacagtttt ggcataatag tcaatttcta cttctggaag tcatctcatt 180
ccactgttgg tattatataa ttcaaggaga atatgataaa acaactgccct cttgtggtgc 240
attgaaagaa gagatgagaa atgatgaaaa gggtgcctga aaaatgggag acagcctctt 300
acttgccaag aaaatgaagg gattggaccg agctggaaaa cctcctttac cagatgctga 360
ctggcactgg tggtttttgc tctcg 385

<210> 299
<211> 540
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38129_at HG-U95Av2

199

<220>

<221> misc_feature

<222> 205..208, 210, 238..241, 280, 281, 290, 357

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 391, 456..470, 501

<223> n is a, g, c or t

<400> 299

atctccagaa agtgggtattc cataaaacct accaactcat ggattcccaa gatgtgagct 60

ttttacataa tgaaagaacc cagcaattct gtctcttaat gcaatgacac tattcataga 120

ctttgatttt atttataagc cacttgctgc atgaccctcc aagtagacct gtggcttaaa 180

ataaagaaaa tgcagcaaaa agaannnnan agaaatattt ggtgggttttt tttttttnnn 240

naaacatcca cagttaaggt tgggccagct acctttgggn ntgaccccn ccattgccat 300

aacatcctgc tccattccct ctaagatgta ggaagaattc ggatccttac cattggnaat 360

cttccatcga acatactcaa acacttttgg nccaggattt gagtctctgc atgacatata 420

cttgattaaa aggttattac taacctgtta aaaatnnnnn nnnnnnnnnn tttaacagac 480

accctaaaag tctccttttc nacatagttg aagacagcaa catcttcact gaatgttttg 540

<210> 300

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38130_s_at HG-U95Av2

<220>

<221> misc_feature

<222> (168)..(184)

<223> n is a, g, c or t

200

<400> 300
catattgctt ttgctgcatt agaagctgtt tgtttccaaa ctcgagagat tttggatgcc 60
atgaatcgag actgtggaat tccactcagt catttgcagg ttgatggagg aatgaccagc 120
aacaaaattc ttatgcagct acaagcagac attctgtata ttccagttnn nnnnnnnnnn 180
nnnnccgaaa ccaactgcact ggggtgctgcc atggcggcag gggctgcaga aggagtcgac 240
gtatggagtc ttgaacctga ggatttgtcc gccgtcacga tggagcgggt tgaacctcag 300
a 301

<210> 301
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38152_at HG-U95Av2

<220>
<221> misc_feature
<222> (130)..(145)
<223> n is a, g, c or t

<400> 301
agtgtacat gatgccggtg ttgaccttcc ttcaagagga ccaaatgatt tcagaattta 60
gttttagcag ctgaaaattt atttctccct gtaaactgta aaaacagttt tccaaataac 120
atcaacaacn nnnnnnnnnn nnnnnttctt attctttcta aactacaacg aacacaagaa 180
ttgaatagta agatgttaat tttttttact ataaacattt ttagagaagt aaaacatgct 240
gaaaactaca caaattataa gcatacaact ggactcatta tcacagtga tgcactgtgt 300
gatcgccaca taggtaaaaa ctggaatggt cgtaggcctc tccatctgta cccttttcca 360
tcatgtccta ttccctgtca ctacacacta aaactttcct gacttacaat accatggggt 420
atttatgctt g 431

201

<210> 302
<211> 618
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38169_s_at HG-U95Av2

<220>
<221> misc_feature
<222> 35..78, 142..236, 274..346, 529..547
<223> n is a, g, c or t

<400> 302
ggatcgctctc ccagggtaac ctcgaagagt gagtnnnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnct cttctgcccc tcccttctgc caacacagca gtcagcttct 120
ctcgtgagct ttctggtagg annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngctg 240
tttcttggttc tcttcgttgc catcggtctc accnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngcat cttggtgaac 360
atttacttga tgggtccagtt aagtgcagac acttgggtca gattcagcat ttggatggca 420
attggcttcc tgatttactt ttcttatggc attagacaca gcctggaggg tcatctgaga 480
gatgaaaaca atgaagaaga tgcttatcca gacaacgttc atgcagcann nnnnnnnnnn 540
nnnnnnnttc aagcaaataa ccatcaccca agaaatctca gttcaccttt catattccat 600
gaaaagacaa gtgaattc 618

<210> 303
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38177_at HG-U95Av2

202

<220>

<221> misc_feature

<222> 110, 117..123, 126, 127, 129, 130, 132..139, 141, 143..147

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 218..264, 308, 433, 442, 541..573

<223> n is a, g, c or t

<400> 303

ggcgctgtcc tgaatcccca cgaggccctg gctcagcctc ttcccaccac aggcacacca 60

gggtcagaag gggggacggt gaagaactat gagacagctg tccaattttt ctggaannnn 120

nnnaannann annnnnnnnc nannnnnaag gattggtgcg actgggcat gattagcagg 180

ccttatagca ccctgcgaga ttgcctggag cactttgnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnatcttt gagactcacc agatccactt tgccaactgc 300

tccctggntg cagcccacct tctctgaccc ccagaggat gtactcctgg ccatgatcat 360

agcccccatc tgctcatcc ccttcctcat cactcttgta gtatggagga gtaaagacag 420

tgaggcccag gcntaggggg cnacgagctt ctcaacaacc atgttactcc acttccccac 480

ccccaccagg cctccctcct cccctcctac tcccttttct cactctcatc cccaccacag 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nngggtcatg gcacaagtgc tgtaatcttc 600

a 601

<210> 304

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38222_at HG-U95Av2

<400> 304

caccagaag aagttccgcc ggcgaccaca tgagctccta cagaaactca cagccaaatg 60

203

gcagaggcag ggtcgctgag tcctccaggt cctgggcagc cttcatattt gccatttgtt 120
ccggggcacc aggagcccca ccaaccccaa accatgcgga gaattagagt tcagctcagc 180
tgggcatgga gttaagatcc ctcacaggac ccagaagctc accaaaaact atttcttcag 240
ccccttctct ggcccagacc ctgtgggcat ggagatggac agacctgggc ctggctcttg 300
agaggtccca gtcagccatg gagagctggg gaaaccacat taaggctgctc acaaaaatac 360
agtgtgacgt gtactgtcaa 380

<210> 305

<211> 566

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38223_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 67, 81, 86, 98..112, 265..301, 541

<223> n is a, g, c or t

<400> 305

gcaagacagc agctgctatg cacacntgga gtccaccata ccaaagcacg aaccagactg 60
tttcttnggg gtcagcccta naccnggatt tcagtctnnn nnnnnnnnnn nncatctggc 120
taaacaacct gacaaactgt ggccagggga accgacacaa ccctcaagca tttctatgta 180
ttgagaattg tcagtgcctt aaggatatcca ttggttcctt tgatgccaac ttacaatttt 240
taccggattht gctgaaatgg gcacnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
ngaacacaat gtctcatact aaccaagaag caagaaaagc cccatgcttt catttttcac 360
ttggagtgac aatgggagag gtcaggaatc aagttcactt tcaagatcta agggagtcca 420
ctatctgtgc aattgtattht ggctthtttt tgcactgttht caatgctggg aattgaaacc 480
attttaatat atttggttgt attcacttta tatgtccttc caaaaatgtht gttgtgtaca 540

204

naccatgctt tcaatgttgg cttcca

566

<210> 306

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38234_at HG-U95Av2

<220>

<221> misc_feature

<222> (191)..(191)

<223> n is a, g, c or t

<400> 306

cagccgagcg ttcagggctg cgctccggcc ggctgagagg gcacgtgccc cgtcacagtc 60

tggactcctg ggccctggatt gatgtgtctc acagactcgg aagggttctg ctctcctcc 120

tccccctgaa caatgctggc agttgctaca aatagattta ttggaggctt atggctccgg 180

ttccccacaca naccgcgtca tgagtctctg tttgttcttc ccttttcttt tgccctgtcc 240

ctcaccttgg gtcgggggtg ctggagtggc ccacaatgtt gtgctggggg atgggggggt 300

ctctctttgc cgattgtgca gtgcacaaga tttgtgaaaa atgtaaataa cagactccta 360

ttgcg 365

<210> 307

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38247_at HG-U95Av2

<220>

<221> misc_feature

<222> (452)..(467)

<223> n is a, g, c or t

205

<400> 307

cagactggga acagggccca ggaatctgtg tggtaaaaac ctgcatggtg tttatgcaca 60
 cagagatttg agaaccattg ttctgaatgc tgcttcatt tgacaaagt ccgtagataat 120
 ttttgaaaag agaagcaaac aatggtgtct cttttatgtt cagcttataa tgaaatctgt 180
 ttgttgactt attaggactt tgaattattt ctttattaac cctctgagtt tttgtatgta 240
 ttattattaa agaaaaatgc aatcaggatt ttaaactatg aaatacaaat tttgtataac 300
 ttttgatgac ttcagtgaag ttttcaggta gtctgagtaa tagattgttt tgccacttag 360
 aatagcattt gccacttagt attttaaaaa ataattgttg gagtatttat tgcagtttt 420
 gttcacttgt tatctaatac aaaattataa annnnnnnnn nnnnnngac cacatctctt 480
 tggaaaatag tttgcaacat atttaagaga tacttgatgc caaatgact ttatacaacg 540

<210> 308

<211> 588

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38267_at HG-U95Av2

<220>

<221> misc_feature

<222> 282, 400..402, 405..407, 409, 410, 413, 488..538

<223> n is a, g, c or t

<400> 308

gttctaacta gtaatcttgg ccctattcat tacatcctct gcttgtcatt ctgctaattt 60
 atgaagatag tttattatag tctgtacttc agttctcatc ttgtaaataa tgcttaacat 120
 aaacttgtag ttacactgaa atccaaaata gtcagtgttc tgcagtattc tgtagccaac 180
 ttaaacctgt gctttcatgt ttaagaaatg agaaattgtg ccaaagatag cagaagagta 240
 gataagtgtc cagtattgac gacctacatc tgaaatctac ancataatga tactgaattg 300
 ttatgtaaac atcataaata gtaaataatg attcaatgtg aatttttaaaa tgcaaatatt 360

206

gctattgttt ataggaaata aatctaaata taaatgaaan nnaannnnann aantttatct 420
tgggctaaat ggttctaccc cttactaggt tgccccaatt agtggcacta gttggcagag 480
ctgttcannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnac 540
tgctgttaac tcataaaaaga gaagagtgtt ccatttcagt ctcaataa 588

<210> 309

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38268_at HG-U95Av2

<220>

<221> misc_feature

<222> 106..141, 215, 221, 223, 226, 229, 235, 238, 250, 351

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 352, 376..408, 453, 474

<223> n is a, g, c or t

<400> 309

ctcatgcata gacaagtgtt ttgggttttt aaaaaaata ttctgtcatt gggtacaaat 60
ttttactcag gctttctatt ggcatggatt tcctttgacc tctcannnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nccccagtta atgtgccaaa atgtcaattt ttaacttatc 180
tccagccaat ttcaaagaaa acagaccagc atagnttctg ncnatnacng ttttnagntg 240
ggcatagggn ttggaagaaa gggagaagga ttcttttttc aatgtactgt attgggacgc 300
tggttaactgt taaccagtg ttcagcatag agctatatat atatatatat nngtatatat 360
ttattatttt catatnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnaa tgtgaaataa 420
agagttctcc ttgtacttga ataataacca cgnttccaac ccaggtctgc tttngggctt 480
atcagaactc ctttctaag 499

207

<210> 310
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38276_at HG-U95Av2

<220>
<221> misc_feature
<222> (247)..(283)
<223> n is a, g, c or t

<400> 310
ccggagccat aactgctgca gtttgggccc aggctatgtg ctcttctggt gccctaggga 60
ctgctgtggc cagagcctgg ggccagccag tacagtcctg agccgaggag gagggactgc 120
aagtggaaga gagccagtct ggaaggaaga gctttccagg tggacagggc ttcttggaag 180
acccccaaag cccaggtat cctgggtgaa gcctgtttgc ctctcttgaa aatggcaggt 240
gctcttnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnagtagga agcatggact 300
ctcctgagtg agaagagact gaaataggag caagcagaac cctgagaggt gtcccatctt 360
attgctgttg aggaccctga aacaccgttg tttaaagact tcacacagaa ggctctgaac 420
tgagccactg gggaa 435

<210> 311
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38278_at HG-U95Av2

<220>
<221> misc_feature
<222> (51)..(65)
<223> n is a, g, c or t

208

<220>

<221> misc_feature

<222> (116)..(116)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (240)..(240)

<223> n is a, g, c or t

<400> 311

gtaggccagc ccatggtgtt gtgtacactg tggagtcgac aggggcctac nnnnnnnnnn 60

nnnnnctgcc agggggctct gaactagtgc ctgctaccca ggacaccgg gccatncccc 120

tggctgggca gcctggcaca agtgaagaag aaggcagtgg gaaaactggg tttatctcaa 180

ggcagcagcc tgagcccagg agcagaggac ccagttgtta taaggcgctg ggagaggatn 240

ggcagctccc actgccccag agcggagctc gaagcaccca ggttgccac ggaa 294

<210> 312

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38287_at HG-U95Av2

<220>

<221> misc_feature

<222> (327)..(342)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (362)..(381)

<223> n is a, g, c or t

<400> 312

actggaggaa cctccacttg ttttggtgc tgcaaatgtg gtgagaaata tcagctataa 60

209

atatcgagag gacttgtctg cacatctcat ggtagctggc tgggaccaac gtgaaggagg 120
tcaggtatat ggaaccctgg gaggaatgct gactcgacag ccttttgcca ttggtggctc 180
cggcagcacc tttatctatg gttatgtgga tgcagcatat aagccaggca tgtctcccgga 240
ggagtgcagg cgcttcacca cagacgctat tgctctggcc atgagccggg atggetcaag 300
cggggggtgtc atctacctgg tcactannnn nnnnnnnnnn nnggaccatc gagtcatctt 360
gnnnnnnnnn nnnnnnnnn nctatgatga gtgaaccttc ccagacttc tctttcttat 420
tttgtaataa actctctagg gcca 444

<210> 313
<211> 594
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38298_at HG-U95Av2

<220>
<221> misc_feature
<222> 39, 44, 264..296, 417..431, 524, 525, 537..569
<223> n is a, g, c or t

<400> 313
ataccacttg tcagggcaca ggggactggc tgggcccna gggntgctcc ccacttgag 60
cacaatgcct tctccacctg ccctcccact cttccagtcc aatccacgct gtcttctgtt 120
gcaggactaa cctttgagaa atccttttgt gaagtcattg cctgctcaag aatgtacagt 180
ggctcccca tgccttgag gccataaggc cagccagttc tagctctcta ttacctgtcc 240
ccactcaact gactcatacc tgtnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnncgat 300
gacgtcacc tctgtgcctg agttctccct gttgtctcaa agcggtagcc atcctcccc 360
agaagctgtc ccagcagagc ctcccttctt tgtttgaatt ctctaataag agcaacnnnn 420
nnnnnnnnnn ntagaacaca ttacagtat tactattttc taggatataa agtgccatat 480

210

atattttttaa ttccaatatt aataaatgta tgccaaacaa caannaaaaa aaaaaannnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc agctgcaagg aaacacatga gaac 594

<210> 314

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38299_at HG-U95Av2

<220>

<221> misc_feature

<222> (202)..(222)

<223> n is a, g, c or t

<400> 314

tgggcacctc agattgttgt tgtaaatggg cattccttct tctggtcaga aacctgtcca 60

ctgggcacag aacttatgtt gttctctatg gagaactaaa agtatgagcg ttaggacact 120

attttaatta tttttaattt attaatattt aaatatgtga agctgagtta atttatgtaa 180

gtcatattta tatttttaag annnnnnnnn nnnnnnnnnn nntgtattag ttttgaaata 240

ataatggaaa gtggctatgc agtttgaata tcctttgttt cagagccaga tcatttcttg 300

gaaagtgtag gcttacctca aataa 325

<210> 315

<211> 564

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38315_at HG-U95Av2

<220>

<221> misc_feature

<222> (213)..(213)

<223> n is a, g, c or t

211

<220>

<221> misc_feature

<222> (170)..(170)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (417)..(469)

<223> n is a, g, c or t

<400> 315

agcttgcagg gagtaaagca ggcccgccctc cctttcttcc catccacata ctctcttct 60

gctttccagt gactccacca gtttgatgtg ggaagtgtta gcttccttcc cttcttccat 120

cccttcttcc atctttccag ctgtcaaadc caatccagtc tctaacctan atgcagatca 180

tttattttaa agtaccaaac ataaccaga gtntgtggaa tatgggcaac atatatatag 240

ccttctgtat ttaacgatct tctgcttctt aaccgtacca gtttcttatt tataactctt 300

atctatccat gatgttttaa agtctccact tgctgttatt taaaaacgac agtgcattca 360

gcagcccagt gccgtgagcc ctgacagatg ccgtatttct gaggcttcc atgtgannnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnt tacctttgga 480

ctgcaacaaa aaatgtgaaa atgaagattt atttctttta atttacttaa aaagaaacct 540

ctgtgctagc aataaagcat ttat 564

<210> 316

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38326_at HG-U95Av2

<220>

<221> misc_feature

<222> (320)..(320)

<223> n is a, g, c or t

212

<400> 316

gacaggctct ccagaagcaa gccctgcagg agaaaggcaa gcagcaggac acggtcctcg 60
gcggccgggc cctgtccaac cggcagcacg cctcctagga actgtgggag accagcggag 120
tgggaggggag acgcagtaga cagagacaga ccgagaagga agggagagac agagggggcg 180
cgcgcacagg agcctgactc cgtctgggaga gtgcaggagc acgtgctgtt ttttatttgg 240
acttaacttc agagaaaccg ctgacatcta gaactgacct accacaagca tccaccaaag 300
gagtttgga ttgagttttn ctgctgtgca gcaactgcatt gtcattgacat ttccaacact 360
gtgtgaatta tctaaatgcg tctaccattt tgcactagg 399

<210> 317

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38332_at HG-U95Av2

<220>

<221> misc_feature

<222> 296, 330..344, 439..519

<223> n is a, g, c or t

<400> 317

cagggctctg ctagtgagct ggaccagtga ggcctacccc acacctgggc tctccacagc 60
cccatcaaag aacagagagg aggaggaggg agaaatggcc accacatcac ccagagaaaa 120
tttctggaat ctgattgagt ctccactcca caagcactca gggttcccca gcagctcctg 180
tgtgttgtgt gcaggatctg tttgcccact cggcccagga ggtcagcagt ctgttcttgg 240
ctgggtcaac tctgcttttc ccgcaacctg gggttgtcgg gggagcgtg gcccgnaacgc 300
agtggcactg ctgtggcttt cagggctggn nnnnnnnnnn nnnngaagcc tctgtctccc 360
agctctctcc aggacaggcc cagtcctctg aggacggcg gctctgttca agcactttat 420

213

gcggcagggg aggccgccnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnng catttctect cagagaagcg 540
ctgtgctaag gtgatcgagg accagacatt 570

<210> 318
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38430_at HG-U95Av2

<220>
<221> misc_feature
<222> 35..58, 72, 78..80, 82, 83, 85, 147, 218, 224
<223> n is a, g, c or t

<400> 318
gatgcttttg taggtacctg gaaacttgtc tccannnnnn nnnnnnnnnn nnnnnnnnaa 60
gaagtaggag tnggcttnnn cnncnaggaa agtggctggc atggccaaac ctaacatgat 120
catcagtgtg aatgggggatg tgatcancca tttaaactga aagtacctt aaaaatactg 180
agatttcctt catactgggc caggaatttg acgaagtnc a ctgncagatg acaggaaagt 240
caagagcacc ataaccttag atgggggtgt cctggtacat gtgcagaaat gggatggaaa 300
atcaaccacc ataaagagaa aacgagagga tgataaactg gtggtggaat gcgtcatgaa 360
aggcgtcact tccacgagag tttatgagag agcataagcc aaggacgtt gacctggact 420
gaagttcgca ttgaactcta caa 443

<210> 319
<211> 518
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38433_at HG-U95Av2

214

<220>

<221> misc_feature

<222> 116, 133, 179, 235, 246, 374

<223> n is a, g, c or t

<400> 319

tgtttcaagg cactctagat tccattggtc caagattccg gatcctaagc atctaagtta 60

taagactctc acactcagtt gtgactaact agacaccaaa gttctaataa tttctnaatg 120

ttggacacct ttnaggttct ttgctgcatt ctgcctctct aggaccatgg ttaagagtnc 180

caagaatcca catttctaaa atcttatagt tctaggcact gtagttctaa gactncaaat 240

gttctnaagt ttctaagatt ctaaagggtcc acagggtctag actattaggt gcaatttcaa 300

ggttctaacc ctatactgta gtattctttg ggggtgccct ctcttctta gctatcattg 360

cttcctcctc ccnaactgt ggggggtgtgc ccccttcaag cctgtgcaat gcattagga 420

tgcctccttt cccgcagggg atggacgac tccaccttt cgggccatgt tgccccctg 480

agccaatccc tcaccttctg agtacagagt gtggactc 518

<210> 320

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38438_at HG-U95Av2

<220>

<221> misc_feature

<222> (103)..(164)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (166)..(166)

<223> n is a, g, c or t

215

<220>

<221> misc_feature

<222> (176)..(203)

<223> n is a, g, c or t

<400> 320

aggtgctcag agagccggcc cgcctgaatc attctcgatt taactcgaga ccttttcaac 60
ttggcttcct ttcttggttc ataaatgaat tttagtttgg tttnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntngctt actaannnnn 180
nnnnnnnnnn nnnnnnnnnn nnntgctttc tgttgctcatt gctggtgtcc ctctgctacg 240
ttcctattgt cattaaaggt atcacggctg ccacctggca ttccttctga ccacagcatc 300
attttgcatt caaattaagg gttaagaaaa gagatatttt aaaatgagag tcacttgatg 360
tgccat 366

<210> 321

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38439_at HG-U95Av2

<220>

<221> misc_feature

<222> (147)..(147)

<223> n is a, g, c or t

<400> 321

acacttggga tttttctcct ctgtcccgag gtcgtcgtct gctttctttt ttgggtttct 60
ttctagaaga ttgagaagtg catatgacag gctgagagca cctccccaaa cacacaagct 120
ctcagccaca ggcagcttct ccacagnccc cagcttcgca caggctcctg gagggctgcc 180
tgggggaggc agacatggga gtgccaaggt ggccagatgg ttccaggact acaatgtctt 240
tatttttaac tgtttgccac tgctgccctc acccctgccg ggctctggag taccgtctgc 300

216

cccagacaag tgggagtga

320

<210> 322

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38453_at HG-U95Av2

<220>

<221> misc_feature

<222> 42, 50, 61..78, 168, 183, 205..328, 377, 378

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 380, 381, 403, 405, 412, 415, 416

<223> n is a, g, c or t

<400> 322

cgtggcaatg agactctgca ctatgagacc ttcgggaagg cnagcccctn ctccgcagga 60

nnnnnnnnnn nnnnnnnnac agcacggctg acagagagga tggccaccgc aacttctcct 120

gcctggctgt gctggacttg atgtctcgcg gtggcaacat ctttcacnaa acactcagcc 180

ccngaagatg ttggagatct atgannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnag cggatgggca cctacggggt gcgagcggct 360

tggaggaggc tgcccnngn nttccggcca tagcaaccat gantngcatg gncnncacc 420

acggtggtca ctggaactca gtgtgactcc tcagggttga ggtccagccc tggctgaagg 480

actgtgacag gcagcagaga cttgggacat tgccttttct agcccgaata caaacacctg 540

gactt 545

217

<210> 323
<211> 113
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38454_g_at HG-U95Av2

<400> 323
cactggaact cagtgtgact cctcagggtt gaggtccagc cctggctgaa ggactgtgac 60
aggcagcaga gacttgggac attgcctttt ctagcccgaa tacaaacacc tgg 113

<210> 324
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38463_s_at HG-U95Av2

<220>
<221> misc_feature
<222> (182)..(208)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (271)..(341)
<223> n is a, g, c or t

<400> 324
tgtcaaagtg actgcgttca tcagttttac actggggctg ctacataata ttttcatttg 60
aacgaagaac ttcaaaaagc acaggactag atgatctctg ttccttttgg ctctaatatg 120
ctacaactgt aggccaatta tcactttacc aattaagagt taggccagat aagtgaaatt 180
tnnnnnnnnn nnnnnnnnnn nnnnnnnnat aggccataaac tggatttcct tattccaaat 240
cctgtctttt cccactatt ccattagacc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn naaaatttct cccttatcta 360

218

ctgtgatgac ttcagaagat acaatgggtcc caggggccaa gtagaaagca tt 412

<210> 325

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38466_at HG-U95Av2

<220>

<221> misc_feature

<222> (184)..(226)

<223> n is a, g, c or t

<400> 325

tcactgtggc catcaggact ttccctgaca gctgtgtact cttaggctaa gagatgtgac 60

tacagcctgc ccctgactgt gttgtcccag ggctgatgct gtacaggtag aggctggaga 120

ttttcacata ggtagattc tcattcacgg gactagttag ctttaagcac cctagaggac 180

tagnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnaagg tagaaatgtc 240

tatgttttct actccaattc ataaatctat tcataagtct ttggtacaag 290

<210> 326

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38488_s_at HG-U95Av2

<400> 326

tgtgctgtca aaacaagttt ttctgtcaag aagatgatca gaccttggat cagatgaact 60

cttagaaatg aaggcagaaa aatgtcattg agtaatatag tgactatgaa cttctctcag 120

acttacttta ctcatTTTTT taatttatta ttgaaattgt acatatttgt ggaataatgt 180

aaaatgttga ataaaaatat gtacaagtgt tgttttttaa gttgcactga tattttacct 240

219

cttattgcaa aatagcattt gtttaagggt gatagtcaaa ttatgtattg gtggggctgg 300

gtaccaatgc tgcagggtca 319

<210> 327

<211> 505

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 384_at HG-U95Av2

<400> 327

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gccgcgagcc ccgcgtggcc acggtcactc gcctcctgcg ccagacgctc ttcagggtacc 120

agggccacgt ggggtgcatcg ctgatcgtgg gcggcgtaga cctgactgga ccgcagctct 180

acgggtgtgca tccccatggc tcctacagcc gtctgcctt cacagccctg ggctctggtc 240

aggacgcggc cctggcggtg ctagaagacc ggttcagcc gaacatgacg ctggaggctg 300

ctcaggggct gctggtggaa gccgtcaccg ccgggatctt gggtgacctg ggctccgggg 360

gcaatgtgga cgcattgtgtg atcaciaaga ctggcgccaa gctgctgcgg aactgagct 420

caccacaga gcccgatgaag aggtctggcc gctaccactt tgtgcctgga accacagctg 480

tcctgacca gacagtgaag ccact 505

<210> 328

<211> 242

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38584_at HG-U95Av2

<220>

<221> misc_feature

<222> (41)..(41)

<223> n is a, g, c or t

220

<400> 328
tatttttcctg tcagcatctg agcttgagga tggtagtgag naaatgggcc agggcgcagt 60
cagctccagt cccagagagc tcctctctaa ctgagagcaa ctgaactgag acagaggagg 120
aaaacagagc atcagaagcc tgcagtgggtg gttgtgacgg gtaggaggat aggaagacag 180
ggggcccca cctgggattg ctgagcaggg aagctttgca tgttgctcta aggtacattt 240
tt 242

<210> 329
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38617_at HG-U95Av2

<220>
<221> misc_feature
<222> 97, 99, 102..105, 107, 111, 115..140, 426, 430
<223> n is a, g, c or t

<400> 329
gagatagctc cctgagctgg gccatctgac ttctacctcc catgtttgct ctcccaactc 60
attagctcct gggcagcatc ctctgagcc acatgtncng gnnnngnaaa ncctnnnnnn 120
nnnnnnnnnn nnnnnnnnnn actcttcac cacaactagat ttgcctcttc taagtgtcta 180
tgagcttgca ccatatttaa taaattggga atgggtttgg ggtattaatg caatgtgtgg 240
tggttgattt ggagcagggg gaattgataa aggagagtgg ttgctgttaa tattatctta 300
tctattgggt ggtatgtgaa atattgtaca tagacctgat gagttgtggg accagatgtc 360
atctctgggc agagtttact tgctatatag actgtactta tgtgtgaagt ttgcaagctt 420
gctttnaggn ctgagccctg gactcccagc agcagcacag ttcagcattg tgtggctggg 480
tg 482

221

<210> 330
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38631_at HG-U95Av2

<220>
<221> misc_feature
<222> 68..83, 115, 116, 136..151, 153..180, 189
<223> n is a, g, c or t

<400> 330
gctctacccc aggaaaatgt gagctcggtt tcctgctcgg catgtgctcc ccctaaggct 60
ctgctccnnn nnnnnnnnnn nnngttcctt ctcagcctga gagggggccc ttcgnnctca 120
ggcatgactc agcccnnnnn nnnnnnnnnn ngnnnnnnnn nnnnnnnnnn 180
cttgggtcng tcccccttttc ccagggtactg ccttaciaag ctgtggccag gaagtggccg 240
gtataaagga tgcccaagggt ctttgtacgt gtgtaggagt tagcgtgttt gatattgtta 300
atataataat aattatTTTT tagagtactg ctttgtatg tatgttgaac aggatccagg 360
tttttatagc t 371

<210> 331
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38787_at HG-U95Av2

<400> 331
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gctggaaggc cccagcacc ctagggctct ggacgagaac cttgctgacc cccaagcaga 120
agacagacct ctggttttct ttgacctcaa gattgacaat gaaagtgggt tctcctgggg 180
ctacccccac ccctttctaa tttagtctct gaggcccaaa aag 223

222

<210> 332
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38880_at HG-U95Av2

<220>
<221> misc_feature
<222> 68, 110, 118, 125, 184, 224
<223> n is a, g, c or t

<400> 332
gcacccacgg gtgtgctgga tactggagtt tgagaggagg gaggtgctgg ggccaaagga 60
gacactanaa aagtggtaga tgggacaggt aagtggcaga ggtgaggggn taagttanaa 120
tgtanaaggg cagtaattag gggtgaggga aaggagatag gggaccctag gaggtagagt 180
gggnccatgt cgtgaggcag ttgaagagtt gaggaaaggt tttnctgggc cctactgctc 240
ccctctgctg caggtaagtc agagcagctt taccacagct tcaggccacg agag 294

<210> 333
<211> 535
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38916_at HG-U95Av2

<220>
<221> misc_feature
<222> (31)..(52)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (250)..(282)
<223> n is a, g, c or t

223

<220>

<221> misc_feature

<222> (449)..(463)

<223> n is a, g, c or t

<400> 333

gaacctttca gtctccgcta gctctttcct nnnnnnnnnn nnnnnnnnnn nngttttatc	60
gttaagtgcc ccacagagac actttaccag gaggctggga gagttctcca gatttgggag	120
aggcgcagag acagtgtgtg agccgagccc tgtctcagca atccacctgg aggagctaga	180
gtatcctcct ccctttacca ttcagaccga gagaaaaagc ccagcttgtg tgcaccctcg	240
tgggggttaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntttgtttt gatgtaaggc	300
tctgtggttt gggggggaac atctgtaaac attattagtt gatttggggg ttgtctttga	360
tggtttctat ctgcaattat cgtcatgtat atttaagtgt ctgttataga aaaccacac	420
ccactgtcct gtaaactttt ctcagtgtnn nnnnnnnnnn nnntcacatt ttaattgcc	480
cctcgtattt cacctctaca tttgaaatct ggcgtctgtt tcaagccagt gtgtt	535

<210> 334

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38944_at HG-U95Av2

<400> 334

ctctcagaac atactgattg ggaggtgcgt gttcagcaga acctgcacac aggacagcgg	60
gaaaaatcga tgagcgccac ctctttaaaa actcacttac gtttgtcctt tttcactttg	120
aaaagttgga aggatctgct gaggcccagt gcatatgcaa tgtatagtgt ctattatcac	180
attaatctca aagagattcg aatgacggta agtgttctca tgaagcagga ggcccttgtc	240
gtgggatggc atttgggtctc aggcagcacc acactgggtg cgtctccagt catctgtaag	300
agcttgctcc agattctgat gcatacgg	328

224

<210> 335
<211> 473
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38970_s_at HG-U95Av2

<220>
<221> misc_feature
<222> 55, 76, 77, 79
<223> n is a, g, c or t

<400> 335
accatccgtt gcagaagcct ccaggagcag caatcctaag agtgggaggc agccnaagac 60
ccccttcctt caaaanncnt cccggaagtg gtttcaggcc ctctagttgc catgaccaat 120
ttgtgtgtgt gtttaatttt tgcttcaagc tctgtagcag gacctgcccc acgcacaccc 180
ctaccctctct gtgaggagct gtgggaagtg tgggtttgtc tccagaacag aagagaatga 240
tggatattct ggcctctgggg ccctctccac caccactcac agtagccttg ctgaagccat 300
cacagatggg agaaggccat gccagccacg tccgccgagg ggcgccagcc tgaagctgcc 360
aggccctgag gttcagaccc tggaccccat agctggaggc ctgtggtgcc agaagcccag 420
attagggtgg ctgtccatcc ctggatagct atttgacaga atcatggaca taa 473

<210> 336
<211> 265
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38971_r_at HG-U95Av2

<220>
<221> misc_feature
<222> 26, 47, 48, 50
<223> n is a, g, c or t

225

<400> 336
gcaatcctaa gagtgggagg cagccnaaga ccccttcct tcaaaanncn tcccggaagt 60
ggtttcaggc cctctagttg ccatgaccaa tttgtgtgtg tgtttaattt ttgcttcaag 120
ctctgtagca ggacctgccc cacgcacacc cctaccctc tgtgaggagc tgtgggaagt 180
gtgggtttgt ctccagaaca gaagagaatg atggatattc tggctctggg gccctctcca 240
ccaccactca cagtagcctt gctga 265

<210> 337
<211> 527
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39032_at HG-U95Av2

<220>
<221> misc_feature
<222> 35..102, 123, 267, 270..287, 295, 298, 306
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 313, 315..338, 430..445
<223> n is a, g, c or t

<400> 337
atgacacaaa actatgagag tgacaaaatg gtgannnnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntgtagtgt aactattttg 120
tancaataga ggactgtaac tactattttag gttgtacaga ttgaaattta gttgtttcat 180
tggctgtctg aggagggtgtg gacttttata tatagatcta cataaaaaact gctacatgac 240
aaaaaccaca cctaaagaaa ttttaangan nnnnnnnnnn nnnnnntca ctttngtngt 300
aatctngaaa tcntnnnnnn nnnnnnnnnn nnnnnnnnaa tccttgttca ctgaagtctt 360
tcaattgagc tggttgaata ctttgaaaaa tgctcagttc taactaatga aatggatttc 420

226

ccagtagggg nnnnnnnnnnn nnnnntgtat agtagttata tgcataatggt tctgtgcatg 480

ttctctacac aattgtaagg tgtcactgta ttttaactggt gcacttg 527

<210> 338

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39070_at HG-U95Av2

<400> 338

ggggccgtct tcctcctgtc tctttccttt caccctagcc tgactggaag cagaaaatga 60

ccaaatcagt atttttttta atgaaatatt attgctggag gcgtcccagg caagcctggc 120

tgtagtagcg agtgatctgg cggggggcgt ctcagcacc tcccaggagg gtgcatctca 180

gccccctctt tccgtccttc ccgtccagcc ccagccctgg gcctgggctg ccgacacctg 240

ggccagagcc cctgctgtga ttggtgctcc ctgggcctcc cgggtggatg aagccaggcg 300

togccccctc cgggagccct ggggtgagcc gccggggccc ccctgctgcc agcctcccc 360

gtcccccaaca tgcatactac tctgggtgtc ttggtctttt attttttgta agtgtcattt 420

gtataactct aaacgcccat gatagtagct tcaaactgga aatagcgaa 469

<210> 339

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39071_at HG-U95Av2

<220>

<221> misc_feature

<222> (59)..(59)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (259)..(276)

<223> n is a, g, c or t

<400> 339

actcagtgtt ttggagagta ttccttttag tttgttggtt ggctggtttg aacgatagna 60

aatatgcagc atgcaatata tgcttatatt tcattttaat ttctgatata taatgaactt 120

cttgggagag gtactgaatc tttgatgttt tttgtcattg ttctcaagtg caatataaca 180

atgtaaccaa atctagataa tttcaaagtt gtcattaatt tagtaagcct aatataaaca 240

aatatttgta ttatttttnn nnnnnnnnnn nnnnnnttaa gtgaggttat ttaccctaa 300

atggtccatt ctgcattgta tttcaggctg gaaatgaatt attctttacc agttttgaaa 360

cactttgaaa tatcctaagg taacttgga gctgtgtagt atatcaaatt aatttgctac 420

ctaataacat agaaagtaaa tatctttgtg gtcaccaca ttgggtgaga cagaaaat 478

<210> 340

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39081_at HG-U95Av2

<220>

<221> misc_feature

<222> 82..100, 102, 103, 114..117, 119, 121, 142, 149..152, 154..156

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 158..160, 163, 165..170, 172..176, 178, 179, 181

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 183..188, 190..226, 323..351

<223> n is a, g, c or t

228

<400> 340

gtgatcctta tcaggagag caggaatcct tattcccggg gtcgctagta ctcattctctg 60
ccgcctcctg tctgccccca gnnnnnnnnnn nnnnnnnnnnn cncgaaccc gcgnnnnnanc 120
ntgtcccgac tctagccgcc tnttcagcnn nncnnngnnn ccnannnnnn cnnnnncnnc 180
ngnnnnnnncn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnaaat gcacctcctg 240
caagaaaagc tgctgctcct gctgccctgt gggctgtgcc aagtgtgccc agggctgcat 300
ctgcaaaggg gcgtcggaca agnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nccccgctcc 360
cagatgtaaa gaacgcgact tccacaaacc tggatttt 398

<210> 341

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39107_at HG-U95Av2

<220>

<221> misc_feature

<222> (93)..(108)

<223> n is a, g, c or t

<400> 341

acttcagtgt cagtatccct gccttcagtc ttcttttagaa atcacatctg tgttcaatcc 60
attgtttaga gggagtgtat ttttcctggt ccnnnnnnnn nnnnnnnngt tcacaattgg 120
atcacaatgc agaggagtct gttcctcccc cgtcggcttc tcggtgctgg gagggtgacc 180
tgtcccagat gactcatcac cctgacatgc tcttgacaaa ggacaccacc aagaggagat 240
ggcagctgta ccggtgcagc ctctgtctga gggggatatt tgccctcagtg tgattaaaaa 300
tcagtcatga aagatttttg aattcagatt atttttatca ggaacagatt ttgaacatcc 360
tgaaatcttt tccctggcat catattaggt tttctttggt cactatgatg taaagtttca 420

229

gactcttgat atttttaata tcaacataga cggtaggaca aggaacggta ccagaaatga 480
gtaaagagac aataatgata agatcgattt atcaagacat aacaacccca aatgtatatg 540
cactaaataa cagcttcaaa atacatgaag caaaatgg 578

<210> 342
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39119_s_at HG-U95Av2

<220>
<221> misc_feature
<222> 26, 51, 53, 68..84, 86, 243
<223> n is a, g, c or t

<400> 342
gtcccgatg ttgaggatcc cgcaanccga ggagcctggg gagagctttt ntnacaaggt 60
catgagannn nnnnnnnnnn nnnnctgca gcggtgcag acctggtggc acgggggttct 120
ggcctgggtg aaggagaagg tgggtggcct ggtccatgca gtgcaggccc tctggaaaca 180
gttccagagt ttctgctgct ctctgtcaga gctcttcacg tcctctttcc agtcctacgg 240
agncccacgg ggggacaagg aggagctgac accccagaag tgctctgaac cccaatcctc 300
aaaatgaaga tactgacacc acctttgc 328

<210> 343
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39120_at HG-U95Av2

230

<220>

<221> misc_feature

<222> (29)..(29)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (95)..(129)

<223> n is a, g, c or t

<400> 343

tgtcccgctg cgtgttttcc tottgatcng ggaactcctg cttctccttg cctcgaaatg 60

gaccccaact gctcctgctc gcctgttgge tcctnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnna aatgcacctc ctgcaagaag agctgctgct cctgctgccc tgtgggctgt 180

gccaaagtgtg cccagggctg catctgcaaa gggacgtcag acaagtgcag ctgctgtgcc 240

tgatgccagg acagctgtgc tctcagatgt aaatagagca acctatataa acctgga 297

<210> 344

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39253_s_at HG-U95Av2

<400> 344

aagcagacag ctatcggaag aaggtagtgc tagatgggga ggaagtccag atcgatatct 60

tagatacagc tgggcaggag gactacgctg caattagaga caactacttc cgaagtgggg 120

aggggttcct ctgtgttttc tctattacag aaatggaatc ctttgcagct acagctgact 180

tcaggagca gattttaaga gtaaaagaag atgagaatgt tccatttcta ctgggttgga 240

acaaatcaga tttagaagat aaaagacagg tttctgtaga agaggcaaaa aacagagctg 300

agcagtggaa tgtaactac gtggaaacat ctgctaaaac acgagctaata gt 352

231

<210> 345
<211> 588
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39267_at HG-U95Av2

<220>
<221> misc_feature
<222> (75)..(93)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (399)..(434)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (458)..(472)
<223> n is a, g, c or t

<400> 345
tgcacatgaa gtgagcttgg cagtatttca gctggctgga ggaattggag aaaggcccca 60
accaggtttc tgaannnnnn nnnnnnnnnn nnnagaaact ggacttttta caagtcttta 120
caaaactgtc aataataatg gcagtactaa gagatttata atcataatgt ttacaatgca 180
gcctactgga ttgtctctag atctgttttt cttaaact aacagaataa ttctttataa 240
ataggtaagc cttacacttg ttaaagaaat ttacctctaa tttcagtctc actaatgtaa 300
aatactggga cttaagtata caattcagtc actaactgta cagttttatg tggggaacaa 360
ttcatgcagg ctactggaaa attaaatctt attaccaann nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn nnnncaagat gatgttttgc agcatcnnn nnnnnnnnnn nnaatggaga 480
gggcagagaa gactttatac aaccagtttt tccattgcag agtottaaga aagattatta 540
gatgacttac ctatatggac taatgccatc caggaactca gaggtatg 588

232

<210> 346
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39300_at HG-U95Av2

<220>
<221> misc_feature
<222> (125)..(163)
<223> n is a, g, c or t

<400> 346
gaggcaggaa tctccatttt tgtgcttttt gaaaatgcaa tgaattccta tacgggggag 60
cgggaaaggt gcctcagaga gagacaagtc tggatgaggg aaatattgaa tattctcaat 120
caaannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnngacttga aagacctgag 180
tccattacgt tgagaaggga cctgctgatt gctttgattc cccctggcaa gtgctccctg 240
gttgtgaatg ccaggcacta gagatggtga ggggttgggg ggcagttggg cacacacagt 300
gtaagagcaa ttcagagccg ttagtcctgc actagccctc aagctgctgg caacacctag 360
agaaggtcga agggccctgc cagagatccc 390

<210> 347
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39310_at HG-U95Av2

<220>
<221> misc_feature
<222> 45, 46, 56, 221, 222, 312..329, 335..352
<223> n is a, g, c or t

233

<400> 347

gcaaagagcc cataaatcct gaccaatcca actctgaatt ttaanncaaa agcgtnaaaa 60
aaaagattcc ctccttacct ccaacccact cttttttccc accacccact ctcctctgcc 120
tcagtaagta tctggaggaa gaaaacaggt gaaagaagaa gtaaaaacca tttagtatta 180
gtattagaat gaagtcaaac tgtgccacac atggtgaatg nnaaaaaaaaa aaaagaggct 240
gtgttttgtc acacagggca gtcattcagc accagagcac gtgatggctc gagactctct 300
taggagcaga gnnnnnnnnn nnnnnnnnng tgggnnnnnn nnnnnnnnnn nnggggcaac 360
tgagtctgcg ggagaagagc ggccctatgc atggtgta 398

<210> 348

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39327_at HG-U95Av2

<220>

<221> misc_feature

<222> 73, 209, 211, 302, 306, 307, 393

<223> n is a, g, c or t

<400> 348

ggttccatca caagctatgt ttaaaaagaa aattggtggt tggcaaacgg aacagaacct 60
ttgatgagag cgnttcacag ggacactgtc tgggggtgca gtgcaagccc ccggcctctt 120
ccctgggaac ctctgaactc ctccttcctc tgggctctct gtaacatttc accacacgtc 180
agcatctaata cccaagacaa acattccnc ntgctcgaag cagctgtata gcctgtgact 240
ctccgtgtgt cagctccttc cacacctgat tagaacattc ataagccaca tttagaaaca 300
gntttntttt cagctgtcac ttgcacacat actgcctagt tgtgaaccaa atgtgaaaaa 360
acctccttca tccattgtg tatctgatac ctncgaggg ccaagggtgt gtgttgacaa 420
cgccgctccc agccggccct ggttgcgtcc acgtcctgaa caagagccgc ttccggatgg 480

234

ctcttcccaa gggaggagga gctcaagtgt cgggaactgt ctaacttcag gttgtgtgag 540

tgcgt 545

<210> 349

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39333_at HG-U95Av2

<220>

<221> misc_feature

<222> (264)..(278)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (345)..(346)

<223> n is a, g, c or t

<400> 349

gaatgacttg acttcaaaag caacaacctt aaaggccgtc atttcattag tattcctcat 60

tctgcatcct ggcttgaaaa acagctctgt tgaatcacag tatcagtatt ttcacacgta 120

agcacattcg ggccatttcc gtggtttctc atgagctgtg ttcacagacc tcagcagggc 180

atcgcatgga ccgcaggagg gcagattcgg accactaggc ctgaaatgac atttcactaa 240

aagtctccaa aacatttcta agannnnnnn nnnnnnnnat gtaatttctt taaatgtgta 300

tttcttaaga attcaaattt gtaataaaac tatttgtata aaaannaagc ttttattaat 360

ttgttgctag tattgccaca gacgcattaa aagaaactta ctgcacaagc tgctaata 417

<210> 350

<211> 382

<212> DNA

<213> Homo sapiens

235

<220>

<223> Probe 39397_at HG-U95Av2

<220>

<221> misc_feature

<222> (142)..(202)

<223> n is a, g, c or t

<400> 350

atcttttaggt gaagtcgagc actctaatta gagaactgga ggaaccacat ataacactta 60
acttccccta ccctgccctt ccccaaaaga aaccatgaca aacctagctt ttaaaaaata 120
ttttaagaaa gagaatgaac tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nngtgaactt ttgtaatttg aattgggtcc cgcttagttc 240
ttgaattggt atgaaaatcc tatatctggt tgtatatattg caaacctttt gtattataat 300
tggtgatatt ttcccttttt aaaaaatacc attgaaatca gcatgacaaa aataacactg 360
ttggcactta taggtaacgt ga 382

<210> 351

<211> 234

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 393_s_at HG-U95Av2

<400> 351

atacctggtt ctttgggaca ttccgtcctg atgatttttt attggttggt ttttattttt 60
ggggggaatg acatgttttg gtcttttata catgaaaatt tgtttgacaa taatctcaca 120
caacatatat tacatctgag cacaatgcct ttttgtttac cgtagcgtat acatttggtt 180
tgggattttt gtgtgtttgt tgggaatttt gtttttagcc aggtcagtat tgat 234

236

<210> 352
<211> 550
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39402_at HG-U95Av2

<220>
<221> misc_feature
<222> (51, 123..139, 272..274, 301..369)
<223> n is a, g, c or t

<400> 352
aatgtggact caatccctag ggctggcaga aagggaacag aaagggttttt nagtacggct 60

atagcctgga ctttcctggt gtctacacca atgcccact gcctgcctta gggtagtgct 120

aannnnnnnn nnnnnnnnnc agccaggaca gtcagctctc tcctttcagg gccaatcccc 180

agcccttttg ttgagccagg cctctctcac ctctcctact cacttaaagc ccgcctgaca 240

gaaaccacgg ccacatttgg ttctaagaaa cnnnccctctg tcattcgctc ccacattctg 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnna aggggggcaag aagtagcagt gtctgtaaaa gagcctagtt tttaatagct 420

atggaatcaa ttcaatttgg actggtgtgc tctctttaaa tcaagtcctt taattaagac 480

tgaaaatata taagctcaga ttatttaaata gggaatatatt ataaatgagc aaatatcata 540

ctgttcaatg 550

<210> 353
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39409_at HG-U95Av2

237

<220>

<221> misc_feature

<222> (262..285, 295..297, 302, 304..311, 313, 315..350)

<223> n is a, g, c or t

<400> 353

ctggacaccc atctctaaag caggacgcct gccaggggga tagtgggggc gtttttgcag 60

taagggaccc gaacactgat cgctgggttg ccacgggcat cgtgtcctgg ggcatcgggt 120

gcagcagggg ctatggcttc tacaccaaag tgctcaacta cgtggactgg atcaagaaag 180

agatggagga ggaggactga gccagaatt cactagggttc gaatccagag agcagtgtgg 240

aaaaaaaaa acaaaaaaca annnnnnnnn nnnnnnnnnn nnnnnagagt ctctnnnaaa 300

antnnnnnnn nanannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ttgatgtact 360

ttacctgaaa caacccaaag ggccccttcc tttcttctga ggattgcaga ggatatagtt 420

atcaatctct agttgtcact ttcctcttcc actttgatac cattgggtca ttgaatataa 480

c 481

<210> 354

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39421_at HG-U95Av2

<220>

<221> misc_feature

<222> (263)..(278)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (31)..(46)

<223> n is a, g, c or t

238

<400> 354
gacggtataa cacatctact gaaaaagcaa nnnnnnnnnn nnnnnnattt aagccagccc 60
ccacctaggg tctatttgtg tggcagttat tgggttttgt caaaaacat cctgaaaatt 120
cgtgcgtggg cttctttctc cctggtacaa acgtatggaa tgcttcttaa aggggaactg 180
tcaagctggg gtcttcagcc agatgacatg agagaatatc ccagaaccct ctctccaagg 240
tgtttctaga tagcacagga gannnnnnnn nnnnnntcc acagtccacg gtacacagtc 300
gggtggggccg cctcccctot cctgggagca ttggtcgtgc ccagcctgag cagggcagct 360
ggactgctgc tgttcaggag ccaccagagc cttcctctct ttgtaccaca g 411

<210> 355
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39517_at HG-U95Av2

<220>
<221> misc_feature
<222> (145)..(167)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (169)..(170)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (326)..(327)
<223> n is a, g, c or t

<400> 355
tcttaggggt cattatcact taaataatac tgtacctagg tctttcaaatt taaaattata 60
cctgaatgaa gttgtttgta tacataaagg atatttgtgt acaattacct tttttccccc 120

239

acacttggtt tctttgtttt tgttnnnnnn nnnnnnnnnn nnnnnntnn actatgggat 180
tcatttatgt ctgtctttct atcataaaga attgatcaat atgtaaatat gtgatttgaa 240
ccatggttga cttacaagtg tcactacagc tttttagaaa acatagccct aatatatggt 300
aagcaggacc cgggtgagcc agtggnttg cgctttatgt agagctggaa gaaggccgtc 360
catcctgtct cttgggcgga cagtgtactt tcctaatagg gaagggaagc acaatggaaa 420
taccctgaa ccg 433

<210> 356
<211> 571
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39532_at HG-U95Av2

<220>
<221> misc_feature
<222> 41..62, 82..84, 92, 109, 112, 118, 397..411
<223> n is a, g, c or t

<400> 356
attgccaccc tgaaccagct ctgtgccacc aagttccgag nnnnnnnnnn nnnnnnnnnn 60
nncctcttcc tgtacaagga gnnnggctac cnccgcctgc cccctgggnc cntggccnac 120
aggctgcca ccaactggcta cctcgtctac cgccgggcag agtggcctga gaccagggg 180
gctgtgacag aggaggaggg cagtgggcag tcagaggcaa gaagcagagg ggaggagcaa 240
gggtgccagg gagatgggga tgctggggtc aaagccagcc ccaggacat tcgggaacag 300
tctgagaaa ctgctgaagg gggccagggt caagcccagg aaggccctgc tcagccaggg 360
gaaccagagg cagagggaag ccgggcagca gaggagnnnn nnnnnnnnnn nagaagggtc 420
attcggggcg ggagaccctg agcctgctga gaaatccttt tagcgccagc aagccccacc 480
cagggcctg tcctgtgtct gccaccacct ttgtctgata cttgtttcca gggaagctgg 540

240

gggaactgcc acatctgagg aactggaata a

571

<210> 357

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39579_at HG-U95Av2

<220>

<221> misc_feature

<222> (286)..(301)

<223> n is a, g, c or t

<400> 357

attcatactg tcagggctgt gctcaatgac tggatgttcc ctatatgcaa acaaaatcac 60

aacggaattc tttgatcctc tctttgttga gcaaaagtat gaattaggag ccgctctgtt 120

tattggatgg gcaggagcct cactgtgcat aattgggtgg gtcataatatt gcttttcaat 180

atctgacaac aacaaaacac ccagatacac atacaacggg gccacatctg tcatgtcttc 240

tcggacaaaag tatcatggtg gagaagattt taaaacaaca aaccnnnnnn nnnnnnnnnn 300

naaaaatgct tatgtctaaa agagctcgct ggcaagctgc ctcttgagtt tgttataaaa 360

gcgaactgtt cacaaaatga tcccatcaag gccctcccat aattaacact caaaactatt 420

tttaaaatat gcatttgaag catctgttga ttgtatggat gtaagtgttc ttacatagtt 480

agttatatac taatcatttt ctgttgtggc t 511

<210> 358

<211> 556

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39633_at HG-U95Av2

241

<220>

<221> misc_feature

<222> 26, 28, 30..44, 60, 201, 213, 229, 232, 272, 440

<223> n is a, g, c or t

<400> 358

gacaaataca agctctgcca ggcggngntn nnnnnnnnnn nnnngaagga gctggccacn 60

tggacccccga ctgagtttcg ggaatgtgac tacaacaaat tcatgagtgt tctggacacc 120

aacaaggact gcgagggtgga ctttgtggag tatgtgcgct cacttgctg cctctgtctc 180

tactgccacg agtacttcaa nggactgccc ctncagagcc ccctgctnc cnagtagcct 240

ctgctccagg ggggtgcgctg gctgtcgggg gnetgggcat gtctcccaca cccctccta 300

ccctctctcc tgtaccctt tcaatctgga cttgcccagg tcttctgcga tcagttaacc 360

cattttacct aggaggccca gagatgtgag ggctccttcc tcaggatgcc cagcgaatga 420

ggggtagagc cactctgggn ccagacctgc ctgccgcacc cctgtggcct cccttgtgga 480

tgggaggagg cgggatctgc tctgaggccc tcgaggetca gcagagcgtg caccaatgag 540

accacgatgg gaaagg 556

<210> 359

<211> 542

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39640_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 53..55, 59, 60, 89, 129, 138, 144, 145, 159..219, 344

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 484..512

<223> n is a, g, c or t

242

<400> 359

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atacagctct cttcagagta actgtnaacc ttttataacc aacactagag ttnnnntttnn      60
aaaagacaag atattttataa tgacgactng tatagctttt aagttatttt tctagtatgt      120
ggctttctnt agccgtgnta acgnncaaac tgttcacn   nnnnnnnnnn nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna gcacaaggca ttggccctct      240
ggactccttt ctctttttct ttcctctcta ggctgctcct gaatcctggt ctctgacatc      300
cgtggagccc ctctgcac   cacctatgcc tcctataagt ccanttgaaa tctcagcctc      360
cttcaacatt ttcttctcgt gtgtggccca catccctcca cttctccaac ttctgtttaa      420
tctgatcacg gctcttttta agccctggca gcattttggt ccctgctcct tgcccatagt      480
aaannnnnnn nnnnnnnnnn nnnnnnnnnn nnagtttcaa gtgggcaact ctgctctcta      540
tt                                          542
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<210> 360

<211> 544

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39663_at HG-U95Av2

<220>

<221> misc_feature

<222> (113)..(176)

<223> n is a, g, c or t

<400> 360

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ggtcagttat ccttctctcc ttagccacat aacttcttct ctcatgaatc atccagtcac      60
tccaatggca aataagttct cctcacctac ccttgagctg caaggtgaat tcnnnnnnnn      120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnaggt      180
gggcaatggg cactccaatg aggcagcctt gatcctccac agaaaagggt ttgattgtcg      240
gttctctagc aaaggcacag ggctgttttg ttctactact cagggaaga tattggtaca      300
```

243

gaaacttttta aacaagttta ttgtcgaaag tctcacacct tcatcactat ccttgatgca 360
ttcacctccc ggcactcaga atataagtga gatcaacttg agtccaatgg aaatcagcac 420
attccgaatc cagttgaggt gaacctgact ttcacatttg gattgagaat cattggcttt 480
tatacctttc ttggtttgac gtgcaataaa gaagcacatt attttagctt ctggctactg 540
tgag 544

<210> 361
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39680_at HG-U95Av2

<220>
<221> misc_feature
<222> 151..165, 331, 333, 359
<223> n is a, g, c or t

<400> 361
gtctcatctt gagtaaaaga gaaccagcc aactatgaag ttccttgtct ttgccttcat 60
cttggtcttc atggtttcca tgattggagc tgattcatct gaagagaaat ttttgcgtag 120
aattggaaga ttcggttatg ggtatggccc nnnnnnnnnn nnnnnagaac aaccactata 180
cccacaacca taccaaccac aataccaaca atataccttt taatatcatc agtaactgca 240
ggacatgatt attgaggctt gattggcaaa tacgacttct acatocatat tctcatcttt 300
cataccatat cacactacta ccactttttg nangaatcat caaagagcaa tgcaaatgna 360
aaacactata atttactgta tactctttgt ttcaggatac ttgcc 405

<210> 362
<211> 511
<212> DNA
<213> Homo sapiens

244

<220>

<223> Probe 39681_at HG-U95Av2

<220>

<221> misc_feature

<222> 63, 125..140, 157..171

<223> n is a, g, c or t

<400> 362

tgcagcagca catggaggtc cacgcgggcg tgcgcagcta catctgcagt gagtgcaacc 60
genccttccc cagccacacg gctctcaaac gccacctgcg ctacatata ggcgaccacc 120
cctannnnnnn nnnnnnnnnn ggcagctgct tccgggnnnn nnnnnnnnnn nagagccaca 180
aacgcattcca cacgggtgag aaacctacg agtgcaatgg ctgtggcaag aagttcagcc 240
tcaagcatca gctggagacg cactataggg tgcacacagg tgagaagccc tttgagtgtgta 300
agctctgccca ccagcgctcc cgggactact cggccatgat caagcacctg agaacgcaca 360
acggcgccctc gccctaccag tgcaccatct gcacagagta ctgccccagc ctctcctcca 420
tgcagaagca catgaagggc cacaagcccg aggagatccc gcccgactgg aggatagaga 480
agacgtacct ctacctgtgc tatgtgtgaa g 511

<210> 363

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39728_at HG-U95Av2

<400> 363

tgtgccctgg gtcaccgtca atgggaaacc cttggaagat cagaccacgc tccttaccct 60
tgtctgccag ttgtaccagg gcaagaagcc ggatgtctgc cttcctcaa ccagctccct 120
caggagtgtt tgcttcaagt gatggccggg gagctgcgga gagtcatgg aaggcgagtg 180
ggaaccgggc tgctgcctt tttttctgat ccagaccctc ggcacctgct acttaccac 240

245

tggaaaatTTt tatgcatccc atgaagccca gatacacaaa attccacccc atgatcaaga 300
atcctgctcc actaagaatg gtgctaaagt a 331

<210> 364
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39742_at HG-U95Av2

<220>
<221> misc_feature
<222> (143)..(143)
<223> n is a, g, c or t

<400> 364
ggaaaatcta gtttcacagc tatttgaatt tttttctgga ttactatat aactcttatt 60
ttttaaaaga tcattctgtt ctttcaagga gaaataagcc taaaagaaga aaaacaaaaa 120
aaattctgta taaaactgta atncctttgt attcatgttt acagtgtat tactataatt 180
caaaattatg tatgtgactt agagttatat aatcataatt tatgtttatt tcaaatatct 240
aagtttattg cttggatttc tagtgagagc tgttgaattt ggtgatgtca aatgtttcta 300
gggttttttt agtttgtttt tattgaaaaa ttttaattatt tatgctatag gtgatattct 360
ctttgaataa acctataata gaaaatagca gacaacataa acatctttgt aaatatcaaa 420
cctaatacat ttcttgtcca gtgataaaac aactgg 456

<210> 365
<211> 207
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39781_at HG-U95Av2

246

<220>

<221> misc_feature

<222> 125, 157, 165, 168..177

<223> n is a, g, c or t

<400> 365

actcccctgg gcatcttctg gcttgactgg atggaaggag acttaggaac ctaccagttg 60

gccatgatgt cttttcttct ttttcttttt ttttaacaaaa cagaacaaaa ccaaaaaatg 120

tccanaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaanaaa aaaanaannn nnnnnnnatc 180

cagtcaagcc atgatgtctt ttcttctt 207

<210> 366

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39791_at HG-U95Av2

<220>

<221> misc_feature

<222> 86, 95, 97..104, 120..137, 147, 148, 164..194, 307..350

<223> n is a, g, c or t

<400> 366

gtaacagaca ttgttttggc aacattgcct atttcagtgg cacgtcatct agtttttaaaa 60

aaataaaaaca ttttaaatgg acaganaaaa aaaanannnn nnnntttaac tcgtaagtgn 120

nnnnnnnnnn nnnnnngac atgtccnct ttctctccag ttcnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnagttgt actctgcttg aggggaagaa ggctcctgot ctgctgtgta 240

ggtagtcata ggaattgtat tcttaatgta caggcactaa ttgtcatctg tgatgtacat 300

tttatgnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tatgtgtgtg 360

tatgtgtgtg ttttgtaaaa tctgtaaata gcacatgacc aaatgaacat attg 414

247

<210> 367
<211> 432
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 39805_at HG-U95Av2

<220>

<221> misc_feature

<222> 49..169, 172, 178, 221, 222, 228, 230

<223> n is a, g, c or t

<400> 367

aggcatccat gatgccatta tggttttccc tgaagggtac aggacacann nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnt cnaatganag 180
ggccatccag gcttctctgg ccaaagtctg tgccaaccgc nccaccntn gtagtggcac 240
acaggctctc aactgtgggc aatgctgacc agatcctcgt catcaaggat ggctgcatcg 300
tggagagggg acgacacgag gctctgttgt cccgaggtgg ggtgtatgct gacatgtggc 360
agctgcagca gggacaggaa gaaacctctg aagacactaa gcctcagacc atggaacggt 420
gacaaaagtt tg 432

<210> 368
<211> 340
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 39826_f_at HG-U95Av2

<220>

<221> misc_feature

<222> 95..127, 142, 145, 146, 148, 150..152, 157, 161..163, 166

<223> n is a, g, c or t

248

<220>

<221> misc_feature

<222> 167, 172..174, 177, 180, 182, 183, 185, 187, 191, 194, 196

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 203, 241, 243, 253, 283, 303

<223> n is a, g, c or t

<400> 368

cttaaagcga gctgccaggt gtaatttttc aagtgtcaaa gatcccaagt gatccctgac 60

accacccct tectactctt acattcatgc gtctnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnntgc tccgatcaga anaannanan nnaaaanaac nnncanncac annnggnccn 180

tnnanancag naananacac aanccacctc cacgacctcc gacctcccc ctcctccgg 240

ntngctctga ggnagcacgt gcctcttcct tcacctggg ccnggctggg gcgggagcag 300

ccnagctgct ctctggatgt cacaccactg ttaactgtca 340

<210> 369

<211> 583

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39878_at HG-U95Av2

<220>

<221> misc_feature

<222> 86..124, 148..151, 159, 164, 167, 169, 170, 174..176

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 178, 179, 182..189, 191..198, 214..217, 220, 229, 231

<223> n is a, g, c or t

249

<220>

<221> misc_feature

<222> 276, 286, 330..347, 474..511, 515..518

<223> n is a, g, c or t

<400> 369

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atggatgtca atgacaccag cccagttgtc atttctccac cgtctaatac ttcctttaag      60

ttggtgcccc tctcagccat tcctgnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      120

nnnnctggaa tgaacgctga actaaagnnn nctatagtna gtgnaancnn taannncnna      180

tnnnnnnnng nnnnnnnnac aggtaacatt actnnnnaan aaaaaccanc ncctactgat      240

gtgggattgc atcgtttggt ggtcaacata agtgancctg gggtanccct aagtctttgc      300

acacgcttgt gcttgtattc ctttatgttn nnnnnnnnnn nnnnnnnngcc tcctatatct      360

atgacttgat cgcgaggact atggagaccc cgttggacag gaacataggg gatagtagcc      420

aaccctatca aaatgaggac tatctaacca tcatgattgc catcatcgcc ggtnnnnnnn      480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nggtnnntg tcgccatgca tcaaggttca      540

aagcagctca gaggagcaag caaggtgccg aatggatgtc ccc                        583

```

<210> 370

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39959_at HG-U95Av2

<400> 370

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cttatggcat tgacaaagag aagaccatcc accttaccct gaaagtgggtg aagcccagtg      60

atgaggagct gcccttgttt cttgtggagt caggtgatga ggcaaagagg cacctcctcc      120

aggtgcgaag gtccagctca gtggcacaag tgaaagcaat gatcgagact aagacgggta      180

taatccctga gaccagatt gtgacttgca atggaaagag actggaagat gggaagatga      240

tggcagatta cggcatcaga aagggcaa                                268

```

250

<210> 371
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39966_at HG-U95Av2

<220>
<221> misc_feature
<222> (99)..(100)
<223> n is a, g, c or t

<400> 371
caggctgact tggatgtgaa ctgtcttcag aataatttaa cctaaagcag agcaagaaga 60
gaggaagcgg gggtagtggg tggggggtag gggaagaann attatctcct cttgtacaga 120
gtctattttct tgtaaccatt tgttaaactc tttctttttt ctgatctcat ggcattgcttt 180
tatgtattttt gtacaggagg caaaaaaaaaat acttaaaata agcaaagaaa ctgaacagaa 240
ttgcatacat tgggttggtt tttctgtgct gtctgtacat tgcttctgct gctgtgattt 300
ctaaacctgt gctgttatct aactgacttt t 331

<210> 372
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40049_at HG-U95Av2

<220>
<221> misc_feature
<222> (141)..(141)
<223> n is a, g, c or t

251

<220>

<221> misc_feature

<222> (216)..(216)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (234)..(253)

<223> n is a, g, c or t

<400> 372

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cctccagggt gattttatga tcagtgttgt tgctctagga agacattttt ccgtttgctt      60
ttgttccaat gtcaatgtga acgtccacat gaaacctaca cactgtcatg cttcatcatt      120
ccctctcatc tcaggtagaa nggttgacac agttgtaggg ttacagagac ctatgtaaga      180
attcagaaga cccctgactc atcatttgtg gcagtnccct tataattggg gcannnnnnn      240
nnnnnnnnnn nnnttagatc ctggtttcat aacttcctgt acttgaagtc taaaagcaga      300
aaataaagga agcaagtttt cttccatgat tttaaattgt gatcgagttt taaattgata      360
ggagggaaca tgtcctaatt cttctgt                                           387
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<210> 373

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40051_at HG-U95Av2

<220>

<221> misc_feature

<222> (109)..(109)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (116)..(116)

<223> n is a, g, c or t

252

<400> 373

tcattgtcca ggaataagat tggcgtggtg cccatgacat caccgtcact ctgcctaaaa 60
gcactctaga gctacttggt cactgtggaga ggaaggatat ttgccaanc aacagnccgc 120
agggtggagag ccctgttcac ctgatagggt ctagctgtga cagtaaataat aataccgctg 180
tttccttggg tacagatttg agtgttcatg tgatgagact gtaaacctca tttttcgggt 240
cctctgttta aaaaaacatc tgaaggatga actaaggctg ctggtgccct gagcaactga 300
taatgcaa atgtggacaaag tgtctgtttt ctactctagc ctgttcatat ggaccaaatt 360
tcaacaagga actcaaggaa aatttgtacc tgccgtattt atgctttcat gtaaaa 416

<210> 374

<211> 594

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40069_at HG-U95Av2

<220>

<221> misc_feature

<222> 29, 438..467, 478..493, 539, 541, 552..555

<223> n is a, g, c or t

<400> 374

ctgccttctt gttccagcta ggcaatgcnt tttttttttt ttttgaagca gttctcttta 60
taaagtgtta ttttgatagt ttgtggattc taaaatatat atatatttat ataaacacca 120
tataagtcaa atatgtattt aacaaagcaa tatgtattca ttcactttca agatttggtt 180
tggtgtcaaa ataacatgaa aaggtagatg gagttgcttc tgttgaatta gctctgccac 240
caatatgtat cttcatacac gtttggaat gtttcctgca gcattaggta tgacttggtc 300
tgagtactgc ttccggtgct aaaatgaaca aagaatttgt acttaatggc atggactctg 360
gagaatctat gcgaatcaac ctttctacct taatatctcc caaaaaatgt atagtgcctt 420

253

gtttttatgt acagtttnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnatg atggtttnnn 480
nnnnnnnnnn nnnttttact ctcaaatagt caaaataaaa acatctcaat ttctaataac 540
ngttgtaaac annnngtaca catgtcattt tgtgatatag gactcccaaa taaa 594

<210> 375
<211> 554
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40088_at HG-U95Av2

<220>
<221> misc_feature
<222> 58..75, 78, 79, 81..85, 85..91, 93
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 94, 97..120, 122..125, 151..214
<223> n is a, g, c or t

<400> 375
atgtatacag ttgcaagtct ggacaaatgt atagaataaa ctttttattt aagttgttnnn 60
nnnnnnnnnn nnnnnaanng nnnnnngggnn ncnntgnnnn nnnnnnnnnn nnnnnnnnnn 120
tnnnnacaaa tcagatcaga tgttcacctt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnttgatt cgaagggtct taaagaattt 240
ttttaatcgt caaccacttt taaacataaa gaattcacac aactactttc atgaattttt 300
taatccatt gcaaacatta ttccaagagt atcccagtat tagcaatact ggaatatagg 360
cacattacca ttcatagtaa gaattctggt gtttacacaa ccaaatttga tgcgatctgc 420
tcagtaatat aatttgcoat ttttattaga aatttaattt cttcatgtga tgtcatgaaa 480
ctgtacatac tgcagtgatga atttttttgt tttgtttttt aatcttttag tgtttacttc 540
ctgcagtgaa tttg 554

254

<210> 376
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40091_at HG-U95Av2

<220>
<221> misc_feature
<222> (275)..(309)
<223> n is a, g, c or t

<400> 376
aaaggctcga ttttgtatct gcaggcagac acggatctga gaatctttat tgagaaagag 60
cacttaagag aatatttttaa gtattgcac tgtataagta agaaaatatt ttgtctaaaa 120
tgccctcagtg tatttgtatt tttttgcaag tgaaggttta caatttacia agtgtgtatt 180
aaaaaaaaaca aaaagaacaa aaaaatctgc agaaggaaaa atgtgtaatt ttgttctagt 240
tttcagtttg tatatacccg tacaacgtgt cctcnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnng cgagcgtgca ccatcccttt ttgaagtgtg ggcagacaca gggacttgaa 360
gttgttacta actaaactct ctttggggaat gtttgtctca tcc 403

<210> 377
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40126_at HG-U95Av2

<220>
<221> misc_feature
<222> (60)..(111)
<223> n is a, g, c or t

255

<220>

<221> misc_feature

<222> (176)..(220)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (229)..(246)

<223> n is a, g, c or t

<400> 377

ttaattaggg atcttgctgc ttttcttttt ctacacgaag ttttcattaa agccacagan 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nttaaataaa 120

ttagaaacta tttgaggcta taaaaatgtc cttgagtttg gagcctgagc tctggnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn agagtaagnn nnnnnnnnnn 240

nnnnnntatc cgttcttcac ttagcaggaa tatgaaagaa aggcacatgt ttaagaggaa 300

tacctaaagg tttttctaaa ttccaacatt taaaaggcaa ttgtgggcta tttttatattt 360

ttaatatattt gaaataaagt ttagtgtcta gggctgggag ccaggactga tcttccattt 420

ctt 423

<210> 378

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40153_at HG-U95Av2

<400> 378

ggactctccg ctcaagtgtt ctcatcaccc agcacctcag cctgggtggag caggctgacc 60

acatcctctt tctggaagga ggcgctatcc gggagggggg aaccacaccag cagctcatgg 120

agaaaaaggg gtgctactgg gccatgggtgc aggctcctgc agatgctcca gaatgaaagc 180

cttctcagac ctgcgcactc catctccctc ccttttcttc tctctgtggt ggagaaccac 240

256

agctgcagag taggcagctg cctccaggat gagttacttg aaatttgcct tgagtgtgtt 300
acctcctttc caagctcctc gtgataatgc agacttcctg gagtacaaac acaggatttg 360
taattcctta ctgtaacgga gtttagagcc agggctgatg ctttggtgtg gccagcactc 420
tgaaactgag aaatgttcag aatgtacgga aagatgatca gctattttca acataactga 480
agg 483

<210> 379

<211> 129

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40171_at HG-U95Av2

<220>

<221> misc_feature

<222> (32)..(46)

<223> n is a, g, c or t

<400> 379

aatgtatgcg ccagggtgct tccgtggggc annnnnnnnn nnnnnnccat ccaagcccaa 60

ggacctggga taaactggga gaactatggc agctacttgc atcgacttgt acctcactta 120

gcccttggg 129

<210> 380

<211> 210

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40177_at HG-U95Av2

<220>

<221> misc_feature

<222> (126)..(142)

<223> n is a, g, c or t

257

<400> 380
atattatact ttagggcaac cctagttggc agctttgaga gaagttcttc attacagaag 60

aattccatta aacatggaag gaataactaa actaaaaatc atcactttgc aattctgaat 120

gaaatnnnnn nnnnnnnnnn nnatttatta ttggataaaa ccatcagata taaggttaat 180

agggaacttg acagcagaca gagggaagag 210

<210> 381
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40199_at HG-U95Av2

<220>
<221> misc_feature
<222> (110)..(235)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (318)..(324)
<223> n is a, g, c or t

<400> 381
gtttcacctc tttgctccct gagttcactc tccgaagtct gatccctgcc aaaaagtggc 60

tggaagagtc ccttagtact cttctagcat ttagatctac actctcgagn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnaagaa 240

aagcgcagag aaatcgggtg ctgacgattt tggaaatgag aacaatctca aaaaaaaaaa 300

aaaaaaaaaa aaaaaaannn nnnngaaaag agaaaaaaaa gactagccag ccaggaagat 360

gaatcctagc ttcttccatt ggaaaattta agacaagttc aacaacaaaa catttgctct 420

ggggggcagg gaaaacacag atgtgttgca aaggtaggtt gaagggacct ctctcttacc 480

258

a

481

<210> 382
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40214_at HG-U95Av2

<220>
<221> misc_feature
<222> (220)..(253)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (45)..(45)
<223> n is a, g, c or t

<400> 382
gctacgtaag gcagcccggtg aaccaagcct actttttctg tcatntgatt caccatgtca 60
gtaagcgtat ctggaattac tcttattcca ctatcacaaa tccatataag atcatacttt 120
gcaacttcat atcctggcat taaattatta attttaggat taatgccaac ttttttgcca 180
cctataaaca atctagcatc aacatttgga tattttccan nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nntcatgatc ttgtacacaa aggagcactt catatttggg ataatccaat 300
tcaaagaatg tttccagggt gttgattaag ttaggatcta cccctttcag tggtttcaga 360
agagagacac ctgggagctt gctataaggc tgtttgtcag ttgccttctt gttgaggt 418

<210> 383
<211> 539
<212> DNA
<213> Homo sapiens

259

<220>

<223> Probe 40215_at HG-U95Av2

<220>

<221> misc_feature

<222> (422)..(445)

<223> n is a, g, c or t

<400> 383

caatgtccac tcaagttgca atgcaaaaact ctggctcata ttcaatttct cagtttcaat 60
ccagaatgat caggtggacc aaactacgaa ttaacatgct tcctgctaca ataatttgtg 120
agccaatttc agaatgcttt gttgccagtt taattattgg atgggcagcc caccatgtgt 180
tcagatggga tattatggta tttttcatgt gtcattgcct ggcattggtt atatttgact 240
acattcaact caggggtgtc caggggtggca cactgtgttt ttcaaaaactt gattatgcag 300
tcgcctgggt catccgcgaa tccatgacaa tatacatttt tttgtctgca ttatgggacc 360
caactataag ctggagaact ggctgctaca gattacgctg tgggggtaca gcagaggaaa 420
tnnnnnnnnn nnnnnnnnnn nnnnntgact gtatataaag gaaaaaagag aagtattata 480
aattatgttt atataaatgc ttttaaaaat ctaccttctg tagttttatc acatgtatg 539

<210> 384

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40236_at HG-U95Av2

<220>

<221> misc_feature

<222> (54)..(55)

<223> n is a, g, c or t

<400> 384

ctttcctcgt gttgggcctg agtgtcttga ccacttacgg agttcatgcc atcnncaggc 60

260

tggaggcctg gagcctcgct ctctcgcgc tgtttcttgt tctcttcgtt gccatcgttc 120
tcaccatctg gaggcagccc cagaatcaac gaaaagtagc cttcatgggt ccattct 177

<210> 385
<211> 484
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40240_at HG-U95Av2

<220>
<221> misc_feature
<222> (233)..(284)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (299)..(313)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (315)..(315)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (317)..(317)
<223> n is a, g, c or t

<400> 385
tctcgctgcc tcacaagcag tgacacctcg ggtcctttcc gttgctatgg tgaaaattcc 60
tggaatggaat ggatcacatg aggggtttctt gttgcttttg gaggggtgtgg gggatatttt 120
gttttggttt ttctgcaggt tccatgaaaa cagccctttt ccaagcccat tgtttctgtc 180
atggtttcca tctgtcctga gcaagtcatt cctttgttat ttagcatttc gannnnnnnn 240

261

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnacctct agcatcgann 300
nnnnnnnnnn nnntnancgt acggcatgga atgtataaat gaggggtgggt ccttctgcag 360
atactctaata cactacattg ctttttctat aaaactaccc ataagccttt aacctttaaa 420
gaaaaatgaa aaagggttagt gtttgggggc cgggggagga ctgaccgctt cataagccag 480
tacg 484

<210> 386

<211> 191

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40290_f_at HG-U95Av2

<220>

<221> misc_feature

<222> 43, 46..51, 53..57, 73, 112, 119, 120, 122

<223> n is a, g, c or t

<400> 386

agacaggaca gtttcccagg aagatgggca gagacttgag tngcnnnnn nnnnnncac 60

agagacgtgc cangcggtgt tggcgctcgg ggcgagatgc tgcccttctt tngcacgann 120

cntggcctct tgcttggcgt gataaccctg tcattctccc aaagctcatt tatgagccac 180

cagaggctcc t 191

<210> 387

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40310_at HG-U95Av2

262

<220>

<221> misc_feature

<222> (26)..(113)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (236)..(260)

<223> n is a, g, c or t

<400> 387

tttccgtctt tttgatgaga acaatnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaagacct 120

acctggagtg gcccatggac gaggctcagc gggaaggatt ttgggtaaat ctgagagctg 180

cgataaagtc ctaggttccc atatttaaga ccagtctttg tctagttggg atcttnnnnn 240

nnnnnnnnnn nnnnnnnnnn attcagacat aattatataa aaactacgtg gatgtaccgt 300

catttgagga cttgcttact aaaactacaa aacttcaaatt tttgtctggg gtgctgtttt 360

ataaacatat gccagattta aaaattgggtt tttgggtttt cttttttcta tgagataacc 420

atgatcataa gtct 434

<210> 388

<211> 504

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40314_at HG-U95Av2

<220>

<221> misc_feature

<222> (42)..(79)

<223> n is a, g, c or t

263

<220>

<221> misc_feature

<222> (81)..(82)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (272)..(299)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (219)..(219)

<223> n is a, g, c or t

<400> 388

ctgtgggccca agacaccagc cctgtcctag cccttcagta annnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnnn nnnnnnnnnng nnaagacaag cccctcagca ggagagaggc ccagaggctc 120

cagctggcca ccgtgccccca caagatggcc cctgtgtggt tccctttacc ttggcttcct 180

ggcccagtc cctgcctctcc acctgcaccc tgcttcctng gccccagtc ccc aggttggagt 240

ccctctgcat agctgactac tcatgcattg cnnnnnnnnnn nnnnnnnnnn nnnnnnnnnc 300

aacaccaaac gtggttgcca catttcatca gacagacacc tccctctgga gatgcagttg 360

agtgacaacc ttgttacatt gtagcctaga ccaattctgt gtggatattt aagtgaacat 420

gtttacaatt tttgtatata tcactctctc cctctcctga aagaccagag attgtgtatt 480

ttcagtgctc catgttccga ctgc 504

<210> 389

<211> 172

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40322_at HG-U95Av2

264

<400> 389
ttgctgtctg atctttgtag actgttcctg ttgctggga gcttctctgc tgcttaaatt 60
gttcgtcctc ccccaactccc tcctatcggt ggtttgtcta gaacactcag ctgcttcttt 120
ggtcacacct gttttctaac tttatgaact ccctctgtgt cactgtatgt ga 172

<210> 390
<211> 547
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40333_at HG-U95Av2

<220>
<221> misc_feature
<222> 32, 36, 48, 67..90, 93, 99, 101, 241..260, 479, 497
<223> n is a, g, c or t

<400> 390
agcatcactc acagcgggcc aggaagaaga anaagnactg ccggcgcnac tcgctctatg 60
tggaactnnnn nnnnnnnnnn nnnnnnnnnn ctnggatnt nggccccacc aggctaccag 120
gccttotact gccatgggga ctgccccctt ccactggctg accacctcaa ctcaaccaac 180
catgccattg tgcagaccct ggtcaattct gtcaattcca gtatcccaa agcctgttgt 240
nnnnnnnnnn nnnnnnnnnn catctccatg ctgtacctgg atgagtatga taaggtggta 300
ctgaaaaatt atcaggagat ggtagtagag ggatgtgggt gccgctgaga tcaggcagtc 360
cttgaggata gacagatata cacaccacac acacacacca catacaccac acacacacgt 420
tcccatccac tcaccacac actacacaga ctgcttcctt atagctggac ttttattna 480
aaaaaaaaa aaaaaangga aaaaatccct aaacattcac cttgacctta tttatgactt 540
tacgtgc 547

265

<210> 391
<211> 508
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 40362_at HG-U95Av2

<400> 391

tgctcacttgg tgatacagct ctgcagaacc tggagcagct gctagacggg ccagaagccc 60
agggcagctg ggcagagctg gcagagcgtc tggggctgcg cagcctggta gacacgtacc 120
gacagacaac ctcacccagt ggcagcctcc tgcgcagcta cgagctggct ggcgggggacc 180
tggcaggtct actggaggcc ctgtctgaca tgggcctaga ggaggagtg aggctgctga 240
ggggtccaga aacccgagac aagctgccca gcacagaggt gaaggaagac agtgcgtacg 300
ggagccagtc agtggagcag gaggcagaga agctgggccc accccctgag ccaccaggag 360
ggctctcgca cgggcacccc cagcctcagg tgactgacct gctgcctgcc cccagccccc 420
ttcccggacc ccctgtacag cgtccccacc tatttcaaatt cttatttaac accccacacc 480
caccctcag ttgggacaaa taaaggat 508

<210> 392
<211> 494
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 40367_at HG-U95Av2

<220>

<221> misc_feature
<222> 156, 160, 162, 163, 383..405
<223> n is a, g, c or t

<400> 392

gtgtctccaa gagacatgtt aggataagca ggtctttgca ccaagatgaa cacagctgggt 60
cacagataag gccattgcta gtaacttttg gccatgatgg aaaagggcac cctctccaca 120

266

aaagagaaaa acgtcaagcc aaacacaaac agcggnaacn gnnttaagtc cagctgtaag 180
agacaccctt tgtacgtgga cttcagtgac gtgggggtgga atgactggat tgtggctccc 240
ccgggggtatc acgcctttta ctgccacgga gaatgccctt ttcctctggc tgatcatctg 300
aactccacta atcatgccat tggtcagacg ttggtcaact ctgttaactc taagattcct 360
aaggcatgct gtgtcccgac agnnnnnnnnn nnnnnnnnnn nnnnntacct tgacgagaat 420
gaaaaggttg tattaaagaa ctatcaggac atggttgtgg agggttgtgg gtgtcgctag 480
tacagcaaaa ttaa 494

<210> 393
<211> 533
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40370_f_at HG-U95Av2

<220>
<221> misc_feature
<222> (322)..(366)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (291)..(291)
<223> n is a, g, c or t

<400> 393
atcatactga cctggcagcg ggatggggag gaccagaccc aggacgtgga gctcgtggag 60
accaggcctg caggggatgg aaccttcag aagtgggcag ctgtggtggt gccttctgga 120
gaggagcaga gatacacgtg ccatgtgcag catgaggggc tgccggagcc cctcatgctg 180
agatggaagc agtcttccct gccaccatc cccatcatgg gtatcggtgc tggcctgggt 240
gtccttgacg ctgtagtcac tggagctgcg gtcgctgctg tgctgtggag naagaagagc 300

267

tcagattgaa aaggagggag cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnngtgg caagtccctt tgtgacttca agaaccctga cttctctttc tgcagagacc 420
agcccccccc tgtgcccacc atgaccctct tcctcatgct gaactgcatt ccttcccca 480
tcacctttcc tgttccagaa aaggggctgg gatgtctccg tctctgtctc aaa 533

<210> 394

<211> 538

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40385_at HG-U95Av2

<400> 394

aggctgtgac atcaatgcta tcatctttca cacaaagaaa aagttgtctg tgtgcgcaaa 60
tccaaaacag acttgggtga aatatattgt gcgtctctc agtaaaaaag tcaagaacat 120
gtaaaaactg tggcttttct ggaatggaat tggacatagc ccaagaacag aaagaacctt 180
gctgggggttg gaggtttcac ttgcacatca tggagggttt agtgcttata taatttgtgc 240
ctcactggac ttgtccaatt aatgaagttg attcatattg catcatagtt tgctttgttt 300
aagcatcaca ttaaagttaa actgtatttt atgttattta tagctgtagg ttttctgtgt 360
ttagctattt aatactaatt ttccataagc tattttgggt tagtgcaaag tataaaatta 420
tatttggggg ggaataagat tatatggact ttcttgcaag caacaagcta ttttttaaaa 480
aaaactattt aacattcttt tgtttatatt gttttgtctc ctaaattggt gtaattgc 538

<210> 395

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40391_at HG-U95Av2

268

<220>

<221> misc_feature

<222> 117..133, 156, 158..166, 168..173, 195, 198, 199, 201..262

<223> n i s a , g , c o r t

<400> 395

tacttttgttt acctcgggtgc ttacaacaga atgctgccct acatcgtcac gggtagtctg 60

actgtcctga ttggaatcct cacccttttt ttccctgaaa gtttggaat gactctnnnn 120

nnnnnnnnnn nnnagatgca gaaagtgaag tggttnnnnn nnnnnnnnnn nnnnaaaaaa 180

caagagactc aatgnagnna nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nntgaaaaac agaaaaataa gaccctgtgg agaaattcgt 300

tgttcccact gaaatggact gactgtaacg attgacacca aatgaacct tgctatcaag 360

aatgctcgt catacagtaa actctggatg attcttcag at 402

<210> 396

<211> 234

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40393_at HG-U95Av2

<400> 396

gtgtggatac ctgagaagga ctacttggtg tcaaatactt ttgagatggc tacagtcagc 60

tagctggaca gcccatgctg actggggaca tacacttgca tctttgttga aagcagaaga 120

agacagacc tttccccacc ttccttacct cctcttcccc cattaaggca gctcatccaa 180

gcttgatatt aactgaataa atgagtagac attgtggacc tcacaagatt attt 234

269

<210> 397

<211> 71

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40398_s_at HG-U95Av2

<400> 397

atttcttcct gattgacaac agtgtagac aagggtgcaaa gcgaaactgg ttgctcaagt 60

tgatagaaaa c 71

<210> 398

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40399_r_at HG-U95Av2

<400> 398

acaatcagta tgtgcttacc tgtgttcaag tagagaaaaa tacagtagag tctgatagga 60

catattcttg taccacagac aaaacaaatc ttatgttgca ttactatca actgctgcta 120

atacgttatt ataaaactta cctagctcct gaattcttcc tatcttatag cttaaa 176

<210> 399

<211> 199

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40427_at HG-U95Av2

<220>

<221> misc_feature

<222> (73)..(97)

<223> n is a, g, c or t

270

<220>

<221> misc_feature

<222> (121)..(121)

<223> n is a, g, c or t

<400> 399

catagctgct tttggcgcgga aagatgccgg gtctggttga ctcaaaccct gccccgctg 60

agtctcagga gannnnnnnnn nnnnnnnnnn nnnnnnttg cccggagacc aagaaggcgc 120

ncgatgcgtg tatcatcgag aaaggagaag aacactgtgg acatctaatt gaggcccaca 180

aggaatgcat gagagccct 199

<210> 400

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40434_at HG-U95Av2

<220>

<221> misc_feature

<222> 99..101, 103..114, 122, 126, 128, 132, 134, 137, 138, 140..145

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 147, 150, 152..154, 157..159, 162..207

<223> n is a, g, c or t

<400> 400

agaattgcta ctcgaagggtg ccagaatgac acaaaggaca gaattccttt cccagttggt 60

accctagcaa ggctagggag ggcatgaaca caaacatann nannnnnnnn nnnnctacac 120

tntctntnaa tnanttnngn nnnnnangtn annnaannt tnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnngga acttactcca acaggactga gggaccaagg 240

aaacatgatg ggggaggcag agagggaag agtaaaactg tagcatagct tttgtcacgg 300

271

tcactagctg atccctcagg tctgctgcaa acacagcatg gaggacacag atgactcttt 360
gggtgttggtc tttttgtctg cagtgaatgt tcaacagttt gcccaggaac tgggggatca 420
tatatgtctt agtggacagg ggtctgaagt acact 455

<210> 401

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40493_at HG-U95Av2

<220>

<221> misc_feature

<222> 39, 40, 55, 60, 72, 73, 80, 81, 94, 108, 109, 111

<223> n is a, g, c or t

<400> 401

agagaccctg agttcccact cagacccact cagccaaann tctcatggaa gaccnaggan 60
gggcagcact gnntttttgn nttttttggt tttngttttt ttttttttng nacactgtcc 120
aaagggttttc catcctgtcc tggaatcaga gttggaagct gaggagcttc agcctctttt 180
atggttttaat ggccacctgt tctctcctgt gaaaggcttt gcaaagtcac attaagtttg 240
catgacctgt tatccctggg gccctatttc atagaggctg gccctattag tgatttccaa 300
aaacaatatg gaagtgcctt ttgatgtctt acaataagaa taacatgggc cattcacctt 360
tatgttatag atatgtcttt gtgtaaatca tttgttttga gttttcaaag aatagcccat 420
tgttcattct tgtg 434

<210> 402

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40496_at HG-U95Av2

272

<220>

<221> misc_feature

<222> (26)..(26)

<223> n is a, g, c or t

<400> 402

tacaggatcc caatgacaag accaanttct acgcagctgg cctgggtgtcc tgggggcccc 60

agtgtgggac ctatgggctc tacacacggg taaagaacta tgttgactgg ataatagaaga 120

ctatgcagga aaatagcacc ccccgtaggg actaatccag atacatccca ccagcctctc 180

caagggtggt gaccaatgca ttaccttctg ttccttatga tattctcatt atttcatcat 240

gactgaaaga agacacgagc gaatgattta aatagaactt gattgttgag acgccttgct 300

agaggtagag tttgatcata gaattgtgct ggtcatacat ttgtggtctg actccttggg 360

gtcctttccc cggagtagct attgtagata acactatggg tggggcactc ctttcttgca 420

ctattccaca gggatacctt aattctttgt ttcctcttta cctgttcaaa attccattta 480

cttgatcatt ctcatgtatcc actgtctatg tacaataaag g 521

<210> 403

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40505_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 134, 240..337, 339..344, 359..368, 370..372, 374, 375, 377

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 378, 380, 414..440

<223> n is a, g, c or t

273

<400> 403

tccccctagg gctcaggcac tgaggngcct ggggacagtg gagcatatgg gtgggagaca 60
gatggagggt accctattta caactgagtc agccaagcca ctgatgggaa tatacagatt 120
taggtgctaa accntttatt ttccacggat gagtcacaat ctgaagaatc aaactttccat 180
cctgaaaatc tataatgtttc aaaaccactt gccatcctgt tagattgcca gttcctgggn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnann nnnnaaaaaa aaaaaaaann 360
nnnnnnnnan nnannannan attgagggcc tccaggactt ggcaagtctt ggtnnnnnnn 420
nnnnnnnnnn nnnnnnnnnn gatgggcagg caaatctgtc cgttctc 467

<210> 404

<211> 501

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40511_at HG-U95Av2

<220>

<221> misc_feature

<222> (418)..(445)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (262)..(262)

<223> n is a, g, c or t

<400> 404

ccgttcacca gttgccattg agggtttcag agagcctttt tctaggccta catgctttgt 60
gaacaagtcc ctgtaattgt tgtttgtatg tataattcaa agcaccaaaa taagaaaaga 120
tgtagattta tttcatcata ttatacagac cgaactgttg tataaattta tttactgcta 180
gtcttaagaa ctgctttctt tcgtttgttt gtttcaatat tttccttctc tctcaatttt 240

274

tggttgaata aactagatta cnattcagtt ggcctaaggt ggttggtgctc ggaggggtttc 300
ttgttttcttt tccattttgt ttttggtatga tattttattaa atagcttcta agagtccggc 360
ggcatctgtc ttgtccctat tcctgcagcc tgtgctgagg gtagcagtgt atgagctnnn 420
nnnnnnnnnnn nnnnnnnnnn nnnnnncgaca ggccacgtcc tgcaatcggc cccgctgcct 480
cttcgccctg tcgtgttctg t 501

<210> 405

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40568_at HG-U95Av2

<220>

<221> misc_feature

<222> 118..132, 134, 263..282, 284, 290..324, 326

<223> n is a, g, c or t

<400> 405

cacatgatta caattgccag tagagttggt gtttggggta caagatgaga agaaagaaaa 60
acctacagcc tttctacatt ctgacatgct aacagtgggt taagtttcta aagtgttnnn 120
nnnnnnnnnn nngncaaggg gagggagcag aagcacttat gtttacggat attttaaact 180
ctgtttagaga gcagcctttg aaaatcccca atttggttct gctttttgac ctctctctac 240
cttttcaggg taatctttgt ggnnnnnnnnn nnnnnnnnnn nnangcttnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnngncct gagcgatctt ctatgcagtt ctgccatgcg 360
tcctgttggt ctctctgtgt tctttgttac ttgggtgcaa tagcaacttc cctaccccg 420
gcattccatc tttcatgttg tgtaaagtcc ttca 454

275

<210> 406
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40604_at HG-U95Av2

<220>
<221> misc_feature
<222> (211)..(285)
<223> n i s a , g , c o r t

<400> 406
atgggttgac ttattcttcg tatcattaga agaaccccag agatagcatt cctctatttt 60
attttacttt cttttggatt gcaactgattg tttttgtggg aatgacactt tatctggcaa 120
agtaactgag agtttggttaa aagaatattt tcttctctga ataataatta ttttcacagt 180
gaaaatttca gtattttatc actaatgtat nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnctgcc tgtttggaca 300
ataggttttg ggtagtacag attaggataa gtaagcttat atatgcacag agattattgt 360
attacctgta aattgattta caagtactta aaagcgtggt cccagtgag gccaga 417

<210> 407
<211> 494
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40606_at HG-U95Av2

<220>
<221> misc_feature
<222> 128..143, 376, 377, 380, 381, 383..390, 392, 394, 445
<223> n i s a , g , c o r t

<400> 407
tcgtctccta tgagcaacgc cagaattata aggatgactt caatgcagag tatgatgagt 60

276

acagagcttt gcatgccagg atggagactg tagctagaag atttatcaaa ctagatgcac 120
 aaagaaannn nnnnnnnnnn nnntcaaaag agtatcagaa tgttcatgaa gaagtcttac 180
 aagaatatca gaagataaag cagtctagtc ccaattacca tgaagaaaaa tacagatgtg 240
 aatatcttca taacaagctg gctcacatca aaaggctaata aggtgaattt gaccaacagc 300
 aagcagagtc atggtcctag aactctgctt ggaccagaag atgtgaataa acttaagctt 360
 atttatttaa aattcnnaan nnnnnnnnnn anantctaaa aaggtgaaac tttggctggt 420
 gaaagtttca gtattagtaa acttngagtt actttttctt ttccatttta ctttgcttcc 480
 ctgcatttcg gaag 494

<210> 408

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40626_at HG-U95Av2

<220>

<221> misc_feature

<222> 26..29, 380, 425

<223> n is a, g, c or t

<400> 408

ctgtgttccc tcttggaacc tgaccnnnna tgctagaaga acccttgga aacatgctgg 60
 cccagccctc tagttttaca aataaggag tgacagccc tgagaggta catggcctgc 120
 ccaagatcac gcagtcaatg gcagagtaaa gagcatagcc taggcctccc cactcctcta 180
 gtaatgctct ttcattctct ccaacctggc tctaagcctt gtccatcctg agccccatat 240
 ctagcccaac ctagtccctg aaaacaagaa gtggccctta gaaatctctc tccagtccca 300
 ctatcagagg ccaactgctg tcttcagtc tccttcagcc tgtgctcctc tccctccctg 360
 actgacaggc agaaggtaacn gtgcctctgg atatccccac agtgccctga gctgcatctc 420

277

ttgcngactg ctttaataca tcacagtgc attgtgtgtg tctctgccac

470

<210> 409

<211> 605

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40648_at HG-U95Av2

<220>

<221> misc_feature

<222> 449, 450, 452, 458, 461..463, 465..468, 470

<223> n is a, g, c or t

<400> 409

atccaattgt acctgatgtt tttggtatth gtcttcctta ccaagtgaac tccatggccc 60

caaagcacca gatgaatgtt gttaagtaag ctgtcattaa aaatacataa tatatatthta 120

tttaaagaga aaaaatatgt gtatatcatg gaaaaagaca aggataththt aataaaacat 180

tacttaththc atttcactta tcttgcatat cttaaaatta agcttcagct gctccttgat 240

attaacathh gtacagagtt gaagttgtth tttcaagthc ththctththt catgactath 300

aaatgtaaaa ataththgtaa aatgaaatgc cataththgac ttggctthctg gtcttgatgt 360

atthgataag aatgathcat tcaatgtthta agthtgata actgathaat ththctgatat 420

ggcttcctta taaaatatga ataaggaann anaaaaanaa nnnannnnan acttgaaaga 480

cagtggtcgg cagcggcctt gtggcctthg caaaggaatt cccttaatgc ctggtcctthg 540

gggcaattgc tctgaccath ctthggcathg cththtagag atathgaaaa accacaccag 600

ggtct 605

278

<210> 410
<211> 275
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40670_at HG-U95Av2

<220>
<221> misc_feature
<222> 109..111, 115..124, 126..130, 133, 136, 140, 143..149
<223> n is a, g, c or t

<400> 410
tgctggtgcc ttcattcatg aaaagcatgc ccatacgatt aaacctgcga gatcggagtt 60

ctttaattag gaatggaatg caacagatgt ggacaagtca aggacaagnn ntttnnnnnn 120

nnnnnnnnnn ttntcnctgn tannnnnnnc agtatgtagc cgagaacat atggagaaca 180

tcaaatacag tggaacaaat gtaactgcta ttgatgtcac actttgtgaa gtagtctttg 240

ttgcttaaaa aggggtgacat ctagtggcta aacat 275

<210> 411
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40671_g_at HG-U95Av2

<220>
<221> misc_feature
<222> (44)..(74)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (79)..(81)
<223> n is a, g, c or t

279

<400> 411
gactcaattg cagtgatcct gttcagtggg gtgcattttt acannnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnaaaann nggacaagcg aagggttggt atgttggtt tgatctagca 120
catgcagttg gaaatgttga actctactta catgactggg gagttgattt tgctgtctgg 180
tgttcctaca agta 194

<210> 412
<211> 104
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40672_at HG-U95Av2

<400> 412
cagcaccaga tttaagatgg ataacaaact gcagttaatc cctgggggtct gtggattccg 60
aatttcaaatt cctcccattt tgttggtctg ttccttgcat gcta 104

<210> 413
<211> 545
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40687_at HG-U95Av2

<220>
<221> misc_feature
<222> 54..147, 156, 157, 257..300, 341, 459, 461..467, 469..471
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 473..491
<223> n is a, g, c or t

<400> 413
aaggctctgc agagatgact gggctgggga agcagatgct tgctggccat ggannnnnnn 60

280

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnaca gacagnntca gcatggaatg ctcttggeca 180
agggtactgg gggccctctg gccttttgca gctgatccag aggaacccag agccaactta 240
ccccaacctc accctannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
acaggaaaag gcggattgag gctgctgggt cagccttgat ngcacagaca gagcttgtgc 360
cggatttgge cctgtcaagg ggactgggtgc cttgttttca tcactccttc ctagttctac 420
tgttcaagct tctgaaataa acaggacttg atcacaana nnnnnnnann nnnnnnnnn 480
nnnnnnnnnn nggggtgggg gatagagtta ttttgcccag gcttccttta cttcttggtc 540
ctgta 545

<210> 414

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40698_at HG-U95Av2

<220>

<221> misc_feature

<222> (398)..(412)

<223> n is a, g, c or t

<400> 414

tcaaaacgct gattaaaaga agcacggtat gatgaccaa cataaaaagt gttttataat 60
tggttggtgtt ttaataacaa ctaatattat tactctgata gttaaactaa ctcgagattc 120
tcagagttaa tgcccctatg attggattgg ttccaaaac aaatgctatt atttctctaa 180
agaagaagga gattggaatt caagtaaata caactgttcc actcaacatg ccgacctaac 240
tataattgac aacatagaag aaatgaattt tcttaggcgg tataaatgca gttctgatca 300
ctggattgga ctgaagatgg caaaaaatcg aacaggacaa tgggtagatg gagctacatt 360

281

taccaaatacg tttggcatga gagggagtga aggatgtnnn nnnnnnnnnn nngatggtgc 420

agcaacagct agatgttaca ccgaaagaaa 450

<210> 415

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 406_at HG-U95Av2

<400> 415

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agggcatcat caccatagag tcccaggatg gaggaccctt cccgcagctg ggcagccgtg 120

ccgggctctt ccagcaccog ctgcaaagcg agtacagcag catcaccacc acccacacca 180

gcgccaccga gcccttccta gtggatgggc tgaccctggg ggcccagcac ctggaggcag 240

gcggctccct caccocggcat gtgacccagg agtttgtgag ccggacactg accaccagcg 300

gaacccttag caccacatg gaccaacagt tcttccaaac ttgaccgcac cctgccccac 360

ccccgccatg tcccactagg cgtcctcccg actcctctcc cggagcctcc tcagctactc 420

catccttgca cccttggggg ccagaccac ccgcattcac agagcagggg ctaggtgtct 480

cctgggaggo atgaaggggg caaggtccgt cctctgtggg cccaaaccta tttgtaacca 540

aagagctggg agcagcaca 559

<210> 416

<211> 188

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40823_s_at HG-U95Av2

282

<220>

<221> misc_feature

<222> (84)..(98)

<223> n is a, g, c or t

<400> 416

gacagcactc aactcaagca caaagtacgg gccagggggg tctttctgca ccttcacact 60

taatatgtca cagtttgtgt gatnnnnnnn nnnnnnnncc tgatggggca actgtgagca 120

ttaaacctga accagaagat cgagagccta actttgcaac cattggtctg caggacatca 180

cttttagat 188

<210> 417

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40899_at HG-U95Av2

<220>

<221> misc_feature

<222> 39, 149..155, 168, 177, 179..198, 201, 222..246

<223> n is a, g, c or t

<400> 417

cacacggagc agtccagat gagcaggctc gaggttacnt gacctgcggc gcacccttca 60

gggtcttgag attgagctgc agtcacagct gagcatgaaa gctgccttgg aagacacact 120

ggcagaaacg gaggcgcgct ttggagccnn nnnnnggcgc atatccangc gctgatnann 180

nnnnnnnnnn nnnnnnnngg ncgatgtgcg agctgatagt gnnnnnnnnn nnnnnnnnnn 240

nnnnnngctc atggacatca agtcgcggct ggagcaggag attgccacct accgcagcct 300

gctcgaggga caggaagatc actacaacaa tttgtctgcc tccaaggctc tctgaggcag 360

caggct 366

283

<210> 418
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 408_at HG-U95Av2

<400> 418
attaactcta cctgcacact gtcctattat attcattctt tttgaaatgt caaccccaag 60
ttagttcaat ctggattcat atttaatttg aaggtagaat gttttcaa at gttctccagt 120
cattatgtta atatttctga ggagcctgca acatgccagc cactgtgata gaggctggcg 180
gatccaagca aatggccaat gagatcattg tgaaggcagg ggaatgtatg tgcacatctg 240
ttttgtaact gtttagatga atgtcagttg ttatttattg aaatgatttc acagtgtgtg 300
gtcaacattt ctcatgttga aactttaaga actaaaatgt tctaaatatc ccttggacat 360
tttatgtctt tcttgtaagg catactgcct tgtttaatgg tagttttaca gtgtttctgg 420
cttagaacia aggggctta 439

<210> 419
<211> 527
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41048_at HG-U95Av2

<220>
<221> misc_feature
<222> (104)..(104)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (149)..(149)
<223> n is a, g, c or t

284

<220>

<221> misc_feature

<222> (433)..(433)

<223> n is a, g, c or t

<400> 419

ggaacagtta gttctcatct agaatgaaag ttccatatat gcattgggtga atatatatgt 60

atacacatac ttacatactt atatgggtat ctgtatagat aatntgtatt agagtattat 120

atagcttctt agtaggggtct caagtaagnt tcattttttt tatctgggct atatacagtc 180

ctcaaataaa taatgtcttg attttatttc agcaggaata attttattta ttttgcctat 240

ttataattaa agtatttttc tttagtttga aaatgtgtat taaagttaca tttttgagtt 300

acaagagtct tataactact tgaattttta gttaaaatgt cttaatgtag gttgtagtca 360

ctttagatgg aaaattacct cacatctggt ttcttcagta ttacttaaga ttggtttattt 420

agtggtagag agnttttttt ttcagcctag aggcagctat tttaccatct ggtatttatg 480

gtctaatttg tatttaaaca tatgcacaca tataaaagtt gatactg 527

<210> 420

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41140_at HG-U95Av2

<220>

<221> misc_feature

<222> (125)..(125)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (316)..(363)

<223> n is a, g, c or t

285

<220>

<221> misc_feature

<222> (372)..(372)

<223> n is a, g, c or t

<400> 420

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agctgctaga gttctgtctg gactttccag agaccagtat tcccttttgc tgcctctaaa      60
aggcctgtcc ctgcagacat gagagacagc aggtctcatg ggggtgacaa gctttttttt      120
ttttncttaa agaattttca aaatcaaatt ccagaatgat ttacggaga tatcccagga      180
aaattaaggc ttctcttaaa cactaaaaag gcatgtaatt gcttgtagc aaaatggata      240
tgacacatct ctgatacttt ttctattatt ggttgggctg agcagtcaga agacctggtc      300
gtcgtcttga ctttgnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnagggaca cngagtggcc cttcatgtac atccatgggtg tgctggctta aaat          414

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<210> 421

<211> 586

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41168_at HG-U95Av2

<220>

<221> misc_feature

<222> 248, 251, 266, 376, 381..409, 533

<223> n is a, g, c or t

<400> 421

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ccgccccgcg ctggagccac tgcctagtgc ttcagcccta gatggtgctc gccagacctc      120
ctctcaatgc tcatcacaca cagggtatt cctttcctcc aatgaaccaa acgcctcccg      180
cccacctcca ggtcccagtc ctctgttccc ttgacctggt ccacccttgc cctccctggg      240
tcgcaganga nggtcggcct cgtcanttcc ccgcagacgg ccgcgcgtcc ctcttgctgc      300

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286

gttcaccaca gttgtattta agtgatcgtg tgagtcgctg ttaaatagcct gtctccccgc 360
ggatcatggg ctctngagg nnnnnnnnnn nnnnnnnnnn nnnnnnnnt aaccccgcg 420
cggcataggg acctaaggcc cactggaggg cgctcatcaa gtagctgctg gatgttgacg 480
aaggaagcgg. cggcgagct cagggatctc cgagtcagga cggtcggcca ganccacggg 540
gtaacgggtc taatcgtgta ggaataaagc tgtattccag tgcttc 586

<210> 422

<211> 512

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41171_at HG-U95Av2

<220>

<221> misc_feature

<222> 107, 365, 368..371, 374..396, 438..479

<223> n is a, g, c or t

<400> 422

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tccagacaac catttccaag tacttctcag aacgtgggga tgctgtngcc aaggcctcca 120
aggagactca tgtaatggat taccgggcct tggatcatga gcgagatgag gcagcctatg 180
gggagctcag ggccatggtg ctggacctga gggccttcta tgctgagctt tatcatatca 240
tcagcagcaa cctggagaaa attgtcaacc caaagggtga agaaaagcca tctatgtact 300
gaacccggga ctagaaggaa aataaatgat ctatatgttg tgtggaaaaa aaaaaaaaaa 360
aaaanaannn naannnnnnn nnnnnnnnnn nnnnnnctg aagatgaatg tggagggaag 420
gggtgggtgt cacaaagnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnna 480
agaggggatt caggcccttt ctcatccagt ag 512

287

<210> 423
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41184_s_at HG-U95Av2

<220>
<221> misc_feature
<222> (41)..(67)
<223> n is a, g, c or t

<400> 423
ctatgggcag tatgatctgt ggctgggata agaaggggtcc nnnnnnnnnn nnnnnnnnnn 60
nnnnnnngac tcggctctca ggaaatatgt tctccacggg tagtggaac acttatgcct 120
acgggggtcat ggacagtggc tatcggccta atcttagccc tgaagaggcc tatgacctg 180
gccgcagggc tattgcttat gccactcaca gagacagcta ttctggaggc gttgtcaata 240
tgtaccacat gaaggaagat ggttgggtga aagtagaaag tacagatgtc agtgacctgc 300
tgcaccagta ccgggaagcc aatcaataat ggtgggtggtg gcagctgggc aggtctcctc 360
tgggaggtct tggccga 377

<210> 424
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41191_at HG-U95Av2

<220>
<221> misc_feature
<222> 129, 141..144, 152..175, 316
<223> n is a, g, c or t

<400> 424
ggcctctctt agctcagtta ctcaattcat acgtagtatt ttttaaaata attttatatc 60

288

tgtgtaccac cccatatatt tcatattact gtttcacatg tacagctttc tacttctttg 120
taagaacanc aaccaaccaa nnnnggttta annnnnnnnn nnnnnnnnnn nnnnnnggtg 180
gcagatgttc tatgcagtgt ggttcaagtt tctttgaccg cacttatatg cattgctaata 240
atggaattta agataccata cacagtctct catggaccta tctctattgt agaattatga 300
cttatgtctt acttgncaaa tttttctgaa tgtgacctt ttttgctgat ttgctgggtt 360
tgggattaac tagcattatt ttgccacctt tatattgtat ttataaaaaa aaagtactat 420
caatcaatca tactactttg gattgttg 448

<210> 425
<211> 281
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41237_at HG-U95Av2

<220>
<221> misc_feature
<222> (44)..(44)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (183)..(183)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (215)..(215)
<223> n is a, g, c or t

<400> 425
cctgactttg tttctgcaaa ggcacctgca tgtgtctgtg ttctgtagg cataatgtga 60
ggaggtgggg agaccacccc acccccatgt ccaccatgac cctcttccca cgctgacctg 120

289

tgctccctcc ccaatcatct ttctgttcc agagaggtgg ggctgaggtg tctccatctc 180
tgnctcaact tcatgggtgca ctgagctgta acttnttctt tccctattaa aattagaacc 240
tgagtataaa tttactttct caaattcttg ccatgagagg t 281

<210> 426
<211> 192
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41239_r_at HG-U95Av2

<400> 426
tttgcaaadc tcaggataaa gtttgctaag taaattagta atgtactata gatataactg 60
tacaaaaatt gttcaaccta aaacaatctg taattgctta ttgttttatt gtataactctt 120
tgtcttttta agacccttaa tagccttttg taacttgatg gcttaaaaat acttaataaa 180
tctgccattt ca 192

<210> 427
<211> 240
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41266_at HG-U95Av2

<400> 427
agtctcagtt tcttgcttgg ggaacttggt tccctaattg gtttagattg ctagattgct 60
aaggagctga tactttgaca gtgttttttag acctgtgtta ctaaaaaaaa gatgaatgtc 120
ctgaaaaggg tggtgggagg gtggttcaac aaagaaacaa agatgttatg gtgttttagat 180
ttatggttgt taaaaatgtc atctcaagtc aagtcactgg tctgtttgca tttgatacat 240

290

<210> 428
<211> 493
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 41294_at HG-U95Av2

<220>

<221> misc_feature

<222> 91, 116..162, 169, 215, 227..239, 242, 273..277, 281, 284

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 286, 289, 293, 294, 303, 314, 452, 459, 466

<223> n is a, g, c or t

<400> 428

gtgaatatct ctgtgatgaa ttccactggt ggcagtagca gtggcgggtg cattgggctg 60

accctcgggg gaaccatggg cagcaatgcc ntgagcttct ccagcagtgc gggtcnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnaggagtnc ccgcgactga 180

gccgcctccc accactccac tcctccagcc accanccaca atcacannnn nnnnnnnnnn 240

cnttgccgag gctgaggagt gtggggagct ggnnnnnaag natncncgng ccnngcagga 300

ggnagctgga agcngccctg cagcgggcca agcaggatat ggcacggcag ctgcgtgagt 360

accaggaact catgagcgtg aagctggccc tggacatcga gatcgccacc taccgcaagc 420

tgctggaggg cgaggagagc cggttggtg gnagatgna gtgggnagcc gtgaatatct 480

ctgtgatgaa ttc 493

<210> 429

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41352_at HG-U95Av2

291

<220>

<221> misc_feature

<222> (304)..(304)

<223> n is a, g, c or t

<400> 429

gttctgattt gacacactga ttttaatctt cgaatcatga cactgagtgc agaggaggtg 60

gcattccgac agcaggacat acatgttggt gtgaagactg ggacgacact gggtagaatc 120

tagtttttaa ttattattaa tataaaggat caaattaatt taaatatgat tctgaagtct 180

acagaacttt tagttctgtg ctgtctatgt ggacactttg gtaaaatgca aattatgata 240

tggacgttat cattgggtctg gtgagatggt tcatatttgt gacagttaat ttaaaaatta 300

tganttaatg ctgcctgtgt ctatgggggt ctgtcttctt tgatagccat ctattcatct 360

ggatcatggg accctctcta atccttcac caatcaaata agctattgct attggtttgg 420

agttgagata tcagtctcgg aaactt 446

<210> 430

<211> 533

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41362_at HG-U95Av2

<220>

<221> misc_feature

<222> 51, 74, 76, 91, 94, 114, 115, 134, 139, 166, 229, 235

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 237, 239..243, 245..249, 254..256, 258, 259, 326..394

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 451..467

<223> n is a, g, c or t

292

<400> 430
cacaactggg gcagaattta aagctgcaac acagctggtg atgagaggct ncctcagtcc 60
agtcgctcct tagncnccag gcaccgtggg nccnggatgg ggaactgcaa gcannctctc 120
agctgatggc tgcncagtn c agatgtctgg tggcagagag tccgangcat ggagcgattc 180
cattttatga ctgttgtttt tcacattttc atctttctaa ggtgtgtcnc ttttncnann 240
nnnnnnnnnt tttnnnnanc caaaagtcga tcaatcgcat tcattttaag aaattatacc 300
tttttagtac ttgctgaaga atgatnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnatagac agcacttggtg aaggattgaa 420
tgcagggttc aggtggaggg aagacgtgga nnnnnnnnnn nnnnnnncat gcagacattt 480
ttaaaagcta tacaaaaaat tgtgagaaga cattggccaa ctctttcaaa gtc 533

<210> 431
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41384_at HG-U95Av2

<220>
<221> misc_feature
<222> (157)..(191)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (320)..(328)
<223> n is a, g, c or t

<400> 431
ttcttgttta taacagtgcc ttaaggatg atgtatttct gatggaagcc attttcacat 60
tcattgttct catggattat ttgttacttg tctaagatgc aatttgattt tatgaagtat 120

293

atacccttta cccaccagag acagtacaga atccctnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn ngttattaat ttaaaactcc attattagga ttacatttta aagttttatt 240
tatgaattcc ctttaaaaat gatatttcaa aggtaaaaca atacaatata aagaaaaaaa 300
taaatatatt aataccggcn nnnnnnnncc atttttaacc tcagccttcc ctactgtcac 360
caacaaccaa gctaaataaa gtcaacagcc tgatgtg 397

<210> 432

<211> 563

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41419_at HG-U95Av2

<220>

<221> misc_feature

<222> 200, 222, 227, 485

<223> n is a, g, c or t

<400> 432

ctcattggaa ttttcttcaa gtgttaaagg tacattttca ctaggaaaag aaatcaaata 60
tgcttatgca atatatat ttgtgttttt ccttaatgtt atatggtata tatgagcctt 120
cttgtttagt ttcttttctc tgctaagttg taccttaatt agagggaat atatgtttca 180
taaagaagag tctttataa tttgtttgtc agatagtatt tnggaantt tataataagg 240
atgttttagaa gccatataag tggctttttt taacagatag aatttgtatt tttattgtac 300
tttaaaaaga tttatgtaat aggtatatat ttagtggcca tttattatca atggtaacac 360
aatggagtac taagatggta tttgcacatt taagatatgt tactttacca atttttaatg 420
gtaatcaact ctgctactgg catgatgaaa tagtacataa ctggtcatta attatgaaca 480
tttanttctc cagtgcgttt ttatgaagat ctggttgaaa attgtatttc tatgtaaact 540
caacgatatg tttggttttc ctg 563

294

<210> 433
<211> 424
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 41433_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 32, 35, 42, 231..245

<223> n is a, g, c or t

<400> 433

caaagtaaaa cttgctgcct gaagancagt anctnccatc angatgagag aactggagga	60
gttccttgat ctgtatatac aataacataa tttgtacata tgtaaaataa aattatgcca	120
tagcaagatt gcttaaaata gcaacactct atatttagat tgtaaaata actagtgttg	180
cttggaactat tataatttaa tgcattgtag gaaaatttca cattaatatt nnnnnnnnnn	240
nnnnntttgt catctttctt ctattttatt ccctttcaca aaattttatt cctatatagt	300
ttattgacaa taatttcagg ttttgtaaag atgccgggtt ttatatTTTT atagacaaat	360
aataagcaaa gggagcactg ggttgacttt cagggtactaa atacctcaac ctatggtata	420
atgg	424

<210> 434
<211> 607
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 41439_at HG-U95Av2

<220>

<221> misc_feature

<222> 50..65, 418..424, 434..437, 439, 440, 445, 578, 580, 581

<223> n is a, g, c or t

295

<400> 434

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ctgtttctgg taaataccat atatgatcct cgaaatgata atatctccan nnnnnnnnnn      60
nnnnncaa at ttgagtagat attttaaaca cctaacaaag taaagggcta aaagccattc      120
agatagcagt aaaacattct gtatgatgtg caataaaaca tccaagatct tttttgaaag      180
ttttatttat aatatacatt tttgtatgag aaaggtgatt ggtacagggt gcctatttta      240
gtcatggatc aaaatttgtg taacttgcag ggctttcttt ctttttcttc aaatttacaa      300
gggttcattt tggaaactac attttaaact ttggaatcaa attgtttctt atttgggagg      360
ataatgtata tacattggta ttatgttaaa taataaaatt gttctaattt ggtgccannn      420
nnnnaaaaaa aaannnnann tttgnatctc aagctatttt catatgttat gtgtcaatgt      480
atcatctctc agaaaggttt tacaatccaa acattatatg ttctctgtgt aactgaattt      540
cacttatctt ttataaacca gaaacattaa ttgaaaanan nttctgggga ttttctcttg      600
acttgta                                           607
```

<210> 435

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41446_f_at HG-U95Av2

<220>

<221> misc_feature

<222> 83, 86, 87, 96, 149..182, 216..218

<223> n is a, g, c or t

<400> 435

```
ctgggtgtctc ctgcacctgc gctggttcct gcaagtgcaa agagtgc aaa tgcacctcct      60
gcaagaagag ctgctgctcc tgnctnnccc gtggngtgta gcaagtgtgc ccagggtgt      120
gtttgcaaag gggcgtcaga gaagtgcann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      180
nncagatgta aacagagaga catgtacaaa cctggnnntt ttttttttat accaccttga      240
```

296

cccatttgct acattccttt tcctgtgaaa tatgtgag

278

<210> 436

<211> 518

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41475_at HG-U95Av2

<220>

<221> misc_feature

<222> 76, 79, 88, 91, 108, 164, 383

<223> n is a, g, c or t

<400> 436

ggaccagccc ttgtcttgac tgcggccaag caccacgcag gaggccactc ttgtctctca 60

gcagctgttc ccaggnggna gctccctnct nggcacatgg gggctggnc aatagccca 120

gagggtcaga actggacagc tgcagagacc tgtgcccaga gaanggtctc gaccactca 180

aggacacaca gcagggtccgt ggatgggctg gatgagtgc cagggccagc ctctgtctca 240

ggacattcca gaaggacaag gagatgtctc tccctctccc aaagcaccag cgtccctgcc 300

tcccgtgggc cctgtccggg ttgccctggt gacccagcc tctgtccact tctaacc a 360

gggaccctgc acagccagaa ctncctttgg ccctacggat ggccactggc tctggtctaa 420

agtgcctggg cttggtggc atcaagaggg agccagtcag gcctgtgagg gccgtagacc 480

ttgtatatac cctgcaccag cagtgaccgg gcagagcc 518

<210> 437

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41534_at HG-U95Av2

297

<220>

<221> misc_feature

<222> 51, 103, 106

<223> n is a, g, c or t

<400> 437

catccatata ttactgtgtt tggctgaatt ccactcta atgatgctcc nattatgcac 60

catactgtga tgacctttct actccgaaac ctgctggagc ctncnttgg ccgtgggggtg 120

tcagccaatc actgcttggt ccacttggtg tacattttat ttttgagtct ttttctttct 180

catatacaga aaaatagtat gaaaataaaa taaatgtatg aaacagtatt aatgcagaaa 240

tgtgctacta atggatgtct gagtcaccag aaattccatt cttaaagagg cggtagcac 300

ctattagacg taacagtgat gtcttttaaa aaatccaaaa gcatattgca acaataagtt 360

tgagactttg tgtgaacaaa gggaaattca gcctcttatg tctttg 406

<210> 438

<211> 503

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41554_at HG-U95Av2

<220>

<221> misc_feature

<222> (329)..(343)

<223> n is a, g, c or t

<400> 438

gtccacagtt attcaaaca tggctttttt tgtgatgaga gtatttgta aaaaaaaaaa 60

aaagacttca agaaaaataa aagttcagtg gagctgcaaa taaatctggg gaataatttc 120

atcttttgta atctccatt tctgagttc ttctcaatc caagctgtcc tgtgtagtat 180

ataacatttg ggcattttct ctgatatact atacttcat gttctataaa tttctgtccc 240

gtaattctaa cactttacat ttttcttttg ctatcagcta tagctattca tggaaggga 300

298

gaatcactaa atacttgtct agttatagnn nnnnnnnnnn nnntcctcct tatccctcga 360
 tgcctggcctt ggtgtctggc aaacagtcca taattagcag atgttgaaag accgtttaca 420
 aagcagaatt tggggattta aagtgcaatg atacaacaaa aagatttaat tacagcttcc 480
 agtgttttga ctatgtgaac cat 503

<210> 439

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41592_at HG-U95Av2

<220>

<221> misc_feature

<222> 89, 91, 93..96, 98..101, 103..120, 241

<223> n is a, g, c or t

<400> 439

agctgtgccg ccagcgcacg gtggccaccg tgggccgcga gaacctggct cgcaccccc 60
 tcaaccccggt cctccgcgac tacctgagnt ncnncnnnn ncnncnnnnn nnnnnnnnnn 120
 ccgccgtgca cgcagcatta actgggatgc cgtgttattt tgttattact tgcctggaac 180
 catgtgggta ccctccccgg cctgggttgg agggagcgga tgggtgtagg ggcgaggcgc 240
 ntcccgccct cggctggaga cgaggccgca gacccttct cacctcttga gggggtcctc 300
 cccctcctgg tgctccctct gggccccct ggttggtgta gcagcttaac tgtatctgga 360
 gccaggacct gaactcgac ctcctacctc ttcatgttta catataccca gtatctttgc 420
 acaaaccagg gggt 434

<210> 440

<211> 532

<212> DNA

<213> Homo sapiens

299

<220>

<223> Probe 41601_at HG-U95Av2

<220>

<221> misc_feature

<222> (32)..(52)

<223> n is a, g, c or t

<400> 440

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gaccacacaag cagatatttg aattacttct tnnnnnnnnnn nnnnnnnnnnn nnggatgggc      60

tgcattttact gtgtgaagga taaaaatcat tagcctggat tctgatttct ataaattgcc      120

attaaaagct ttttttcccc taagaactga aatgtgctca ccagccaaaa cattttaact      180

tgtaaatttt gagggcagtt aaccaaacct gtgactaatc atatctcctc ctacccccca      240

tttccaagga catttggtac tcagatactt gttatactaa tacttgaact tgtaccttat      300

ggatatttgct atcttttaac tagtcatgat attcttatac tttagttaca cttttggaat      360

ttgatacaag gttgagtggg gtgtgtgggt gtatgtatga gtgaaacagt tctcaaaaga      420

atgtaagaaa aaccattttt ataaaattgt gactttttta aaacatagtc tttgtcattt      480

atagaattaa caagctgctc aggggtatatt ttatagctgt agcactgata tc              532

```

<210> 441

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41612_at HG-U95Av2

<220>

<221> misc_feature

<222> 66..82, 132, 139, 146, 155, 167, 187, 198, 204, 226, 245, 260

<223> n is a, g, c or t

<400> 441

```

atcttgtttt aactcccat gggtccttca ggctctcatc ttttttcttt ttccagtcta      60

```

300

ttttcnnnnn nnnnnnnnnn nnttaatttt tattgacctt ccatggctct cactgattgt 120
tttctttgtc anacctaan c tgttgnagtt tgtgncagtg agttttncat tttggttttg 180
tatttttncca gttgtttnaa tttncattg ggtgggttct tttgtnacac cttctgtttc 240
tttgncttat tttttaacgn ccaaagaaag actctcagag aatagacaac tatattccaa 300
agtcatgggt ctctgggtgt ttgtcttgac atttgaatag aaatgttaaa ctatctgggg 360
gaatagaaag cccacagtct tctgagttgt gctacaccaa tatttctatg aacagatctt 420
acaactgaga gtgatctgca gatttttcag agtcatgttc tcc 463

<210> 442

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41635_at HG-U95Av2

<220>

<221> misc_feature

<222> (133)..(149)

<223> n is a, g, c or t

<400> 442

gctctatatt acttgcttga gccttaatca atgtgggttt attcaatggt ttgttctttg 60
aatggttgca aaaactgtag ataatcttac tgaggactgt acaaacatga aggtgtggta 120
tcaaacttca ggnnnnnnnn nnnnnnnnna ttataaacat tcatttcaca actagattgt 180
ataaggatat tagctgtgat gagactcact gcattatatt ttttagtgaa ttttatgaaa 240
tccccgttcc attcaacagg cacatgttta aaagagcttt gtcgttggtg ttaatggggg 300
aatgtgttcc ttcattgtat ttgggccttt tgtattgcac tcttgat 347

301

<210> 443
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41654_at HG-U95Av2

<220>
<221> misc_feature
<222> (141)..(167)
<223> n is a, g, c or t

<400> 443
aaaggctgaa catcaatgcg gccaaatcta gtttcctccc agaagatgaa aagaggggagc 60
ttctcgacct gctctataaa gcctatggga tgccaccttc agcctctgca gggcagaacc 120
tctgaagacg ccactcctcc nnnnnnnnnn nnnnnnnnnn nnnnnnnact ctgtggggct 180
gagcaacatt tttacattta ttccttccaa gaagaccatg atctcaatag tcagttactg 240
atgctcctga accctatgtg tccatttctg cacacacgta tacctcggca tggccgcgctc 300
acttctctga ttatgtgccc tggccaggga ccagcgccct tgcacatggg catgggtt 357

<210> 444
<211> 240
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41656_at HG-U95Av2

<220>
<221> misc_feature
<222> (199)..(199)
<223> n is a, g, c or t

<400> 444
tgtaccgcgc actaactaga cttttctgct gttgtgcaaa gttcagtttc ttctcagcaa 60
catcaaggat atatgaagaa aaggaaataa aaaactgtaa agtcaaaaga gatgcctggt 120

302

ggaacttatt cgtgctatca gggcattgat agtttgaatg tttttattac ttatgcaaaa' 180

ttgcacatac tcctctatnc tgattttatc atgaaaactg tcatgtgtca tgctaattgga 240

<210> 445

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41677_at HG-U95Av2

<220>

<221> misc_feature

<222> 33..48, 130, 131, 133..136, 140, 142..147, 232, 238

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 254, 270, 393, 458..472

<223> n is a, g, c or t

<400> 445

agcaagctca ccaggcctct cagaagtccc agnnnnnnnn nnnnnnnngc cgggtcggcg 60

cctcctgccc gagggagcag gttctccgca ttcccatggg caccacctgc ctgcctgtcg 120

tgcccttggan ncnnnncccn gnnnnnnnagg agagaccaaa ggcttctgag caggattttt 180

atttcattac agtgtgagct gcctggaata catgtggtaa tgaaataaaa anccctgncc 240

ccgaatcttc cgtncctca tcctaacttn cagttcacag agaaaagtga catacccaaa 300

gctctctgtc aattacaagg cttctcctgg cgtgggagac gtctacaggg aagacaccag 360

cgtttgggct tctaaccacc ctgtctccag ctctctgtca cacatggaca gggacctggg 420

aaaggtggga gagatgctga gcccagcgaa tcctctcnnn nnnnnnnnnn nngaagaaga 480

aaactcaact cagtgccatt ttacgaatat atgcg 515

303

<210> 446
<211> 580
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41711_at HG-U95Av2

<220>
<221> misc_feature
<222> 96..117, 119, 122, 191, 192, 222..245
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> 267, 480, 494, 495, 503..547
<223> n is a, g, c or t

<400> 446
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tgcatttctt tggccccaac gcaggcgaag ttactnnnnn nnnnnnnnnn nnnnnnnant 120
gnggggcttc ctatgcgcag gtgatgcgga ccgtgggtat ccatcccaca tgctctgagg 180
aggtagtcaa nntgcgcac tccaagcgct caggcctgga cnnnnnnnnn nnnnnnnnnn 240
nnnnntaagc gccatccctg caggccnagg gcacacggtg cgcccgccgc cagctcctcg 300
gaggccagac ccaggatggc tgcaggccag gtttgggggg cctcaaccct ctcctggagc 360
gcctgtgaga tggtcagcgt ggagcgcaag tgctggacag gtggcccgtg tgccccacag 420
ggatggctca ggggactgtc cacctcacc ctcacactct cagcctctgc cgccggggcan 480
ccccccccag gctnntgggt ccnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnntcc gagccccctg gcatttctgc aatgcaaata 580

304

<210> 447
<211> 193
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41742_s_at HG-U95Av2

<400> 447
gcagtccttg atggagatgc agagtcgtca tggggcgaga acaagtgact ctgaccagca 60
ggcttacctt gttcaaagag gagctgagga cagggactgg cggcaacagc ggaatattcc 120
gattcattcc tgccccaagt gtggagaggt tctgcctgac atagacacgt tacagattca 180
cgtgatggat tgc 193

<210> 448
<211> 493
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41743_i_at HG-U95Av2

<220>
<221> misc_feature
<222> 37..73, 104, 106..166, 193..242
<223> n is a, g, c or t

<400> 448
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nnnnnnnnnn nnngcaggaa gaggacctgg aaaccatgac catncnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnaaat tcatgaggaa 180
aaggagcaac tgnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnaggcaggc agtccttgat ggagatgcag agtcgtcatg gggcgagaac aagtgactct 300
gaccagcagg cttaccttgt tcaaagagga gctgaggaca gggactggcg gcaacagcgg 360
aatattccga ttcattcctg cccaagtgt ggagagggtc tgcttgacat agacacgtta 420

305

cagattcacg tgatggattg catcatttaa gtgttgatgt atcacctccc caaaactgtt 480
ggtaaattgtc aga 493

<210> 449
<211> 206
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41816_at HG-U95Av2

<400> 449
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ttcctggcgg gcacactcag gaccgtgcct cacagggccc actccctgcc tatgcctccc 120
tcttgggggg ccgaggaggg cggctgctct gtcattgagaa tgtacggccc gtggatgatt 180
aacgggcctt tttcacttag aagctg 206

<210> 450
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 41831_at HG-U95Av2

<220>
<221> misc_feature
<222> (247)..(247)
<223> n is a, g, c or t

<400> 450
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cggacccctc cctgtacaac atggacatgt tctactcttc aaacattccg gccactgcga 120
gaccgtacag gccctacatc attcgaggaa tggcgccccc gacgacgccc tgcagcaccg 180
acgtgtgtga cagcgactac agcgccagcc gctggaaggc cagcaagtac tacctggatt 240

306

tgaactngga ctcagacccc tatccacccc caccacgcc ccacagccag tacctgtcgg 300
 cggaggacag ctgcccgcgc tcgcccgcga ccgagaggag ctacttccat ctcttcccgc 360
 cccctccgtc cccctgcacg gactcatcct gacctcggcc gggccactct ggcttctctg 420
 tgcccctgta aatagtttta aat 443

<210> 451

<211> 145

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 425_at HG-U95Av2

<400> 451

gctctcacct catcagcagt gaccagtgtg gccaaagtgg tcagggtggc ctctggctct 60
 gccgtagttt tgcccctggc caggattgct acagttgtga ttggaggagt tgtggccatg 120
 gcggctgtgc ccatggtgct cagtg 145

<210> 452

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 463_g_at HG-U95Av2

<400> 452

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 ctggcaagaa gcacccgtgc tgtgtcttat ccaatcccga ccagaagggt aagattagga 120
 gaatcgactg cctgcgacag gcagacaaag tctggcgtct ggatctagtc atggtgatcc 180
 tgttcaaagg catccccttg gaaagtaccg atggagagcg gtcctgaaa tccccacatt 240
 gcacaaaccc agcactttgt gtccagccac atcatatcac agtatcagtt aaggagctt 299

307

<210> 453
<211> 180
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 464_s_at HG-U95Av2

<400> 453
gggcctagca gtcttcacct ctgagtcagg ctaggggcct ccccttctca tcctccccac 60
cccccgcca aggttctcac actggcctgg gcttgggtgc ccatatagga ggtctgtatg 120
ttcaccaaca gtgcggaggg gtcacacatt gcaaaacact gcccagaaca gtaaaaagag 180

<210> 454
<211> 77
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 481_at HG-U95Av2

<400> 454
gaagacttgg ccaagaagta ttttgctcag atagttcatg ctatatctta ttgccataaa 60
ctccatgtgg ttcacag 77

<210> 455
<211> 564
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 535_s_at HG-U95Av2

<400> 455
tgatttcaaa ttgaactcct ccattgtgga acccaaggag ccagccccag aaacagctga 60
tgccccctac ctggtgatcg tggaacagcc taagcagaga ggcttccgat ttcgatatgg 120
ctgtgaaggc ccctcccatg gaggactgcc cggtgcctcc agtgagaagg gccgaaagac 180
ctatcccact gtcaagatct gtaactacga gggaccagcc aagatcgagg tggacctgggt 240

308

aacacacagt gacccacctc gtgctcatgc ccacagtctg gtgggcaagc aatgctcgga 300
 gctggggatc tgcgccgttt ctgtggggcc caaggacatg actgccaat ttaacaacct 360
 ggggtgtcctg catgtgacta agaagaacat gatggggact atgatacaaa aacttcagag 420
 gcagcggctc cgctctaggc cccagggcct tacggaggcc gagcagcggg agctggagca 480
 agaggccaaa gaactgaaga aggtgatgga tctgagtata gtgcggctgc gcttctctgc 540
 cttccttaga gccagtgatg gctc 564

<210> 456
 <211> 180
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 543_g_at HG-U95Av2

<400> 456
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 atccccgtttt ccccatgaca atgttgtagt gtccccacc cccaccccc tggccttggg 120
 gcctcttgta tccctagtgc tgcatagcc ggcatctgca cggtttcgaa gtcattaaac 180

<210> 457
 <211> 241
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 544_at HG-U95Av2

<400> 457
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 cagcccagca gggccgggac tgtcacttgg tgatacagct ctgcagaacc tggagcagct 120
 gctagacggg ccagaagccc agggcagctg ggcagagctg gcagagcgtc tggggctgcg 180
 cagcctggta gacacgtacc gacagacaac ctcacccagt ggcagcctcc tgcgcagcta 240

309

241

<210> 458
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 545_g_at HG-U95Av2

<400> 458
 agtggcagcc tcctgcgcag ctacgagctg gctggcgggg acctggcagg tctactggag 60
 gccctgtctg acatgggcct agaggaggga gtgaggctgc tgaggggtcc agaaaccoga 120
 gacaagctgc ccagcacaac agaggtgaag gaagacagtg cgtacgggag ccagtcagtg 180
 gagcagaagg cagagaagct gggcccaccc cctgagccac caggagggtt ctgccacggg 240
 cacccccagc ctcaggtgca ctgacctgct gcctgcccc agcccccttc ccggaccccc 300
 tgtacagcgt cccacacctat ttcaaattctt atttaaca 338

<210> 459
 <211> 547
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 570_at HG-U95Av2

<400> 459
 actgacactg gactcgtacc agggccccggg ccccggggat ggaggcaccc ccagccttgt 60
 gggcagcaac atgttcccca atcattaccg cgaggcgggc tttggggggc gcctcctatc 120
 cccggggcct gaagccacgt agccccgcga tgccagagga ggggcactgg gtggggaggg 180
 aggtggagga gccgtgcaat cccaaccagg atgtctagca ccccatccc cttggccctt 240
 cctcatgctt ctgaagtga catattcagc cttggcgaga agctccgttg cacgggtttc 300
 cccttgagcc cattttacag atgaggaaac tgagtccgga gaggaaaagg gacatggctc 360

310

ccgtgcacta gcttggttaca gctgcctctg tccccacatg tgggggcacc ttctccagta 420
 ggattcggaa aagattgtac atatgggagg agggggcaga ttcttgccc tccctcccca 480
 gacttgactt gaaggtgggg ggtagggttg ttgttcagag tcttcccaat aaagatgagt 540
 ttttgag 547

<210> 460

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 574_s_at HG-U95Av2

<220>

<221> misc_feature

<222> (120)..(121)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (264)..(265)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (374)..(375)

<223> n is a, g, c or t

<400> 460

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 agaactgccc aagtttgaag gacaaaccga aggtgatcat catccaggcc tgccgtggtn 120
 ncagccctgg tgtggtgtgg tttaaagatt cagtaggagt ttctggaaac ctatctttac 180
 caactacaga agagtttgag gatgatgcta ttaagaaagc ccacatagag aaggatttta 240
 tcgctttctg ctcttccaca ccanntaatg tttcttgag acatcccaca atgggctctg 300

311

tttttattgg aagactcatt gaacatatgc aagaatatgc ctgttcctgt gatgtggagg 360
 aaattttccg caannttcga ttttcatttg agcagccaga tggtagagcg cagatgccca 420
 c 421

<210> 461
 <211> 577
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 576_at HG-U95Av2

<400> 461
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 acccaggagg tgacaagccg catacgcacc cagagctttt ccttgcagga gcgtcagttg 120
 cggggcgcag tgccctgggc gttcgaccct cccggtcag acaccaacag cccctgagag 180
 ccgcctggct ttcccttcca gttccgggag agcggctgcc cgactcaggt ccgcccgacc 240
 aggatcagcc ccgctcctcc cctcttgagg tggcgccttc tcacatctgt ccagaggctg 300
 caaggattca gcattattcc tccaggaagg agcaaaacgc ctcttttccc tctctaggcc 360
 tggtgcctcg ggctgggct cgccttaatc tggaaggccc ctcccagcag cggtagccca 420
 gggcctactg ccaccgcctt cctgtttctt agtccgaatg ttagattcct cttgcctctc 480
 tcaggagtat cttacctgta aagtctaata tctaaatcaa gtatttatta ttgaagattt 540
 accataaggg actgtgccag atgttaggag aactact 577

<210> 462
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Probe 583_s_at HG-U95Av2

312

<400> 462
tgcccatcta tgtcccttgc tgtgagcaag aagtcaaagt aaaacttgct gcctgaagaa 60
cagtaactgc catcaagatg agagaactgg aggagttcct tgatctgtat atacaataac 120
ataatttgta catatgtaaa ataaaattat gccatagcaa gattgcttaa aatagcaaca 180
ctctatattt agattgttaa aataactagt gttgcttgga ctattataat ttaatgcatg 240
ttaggaaaat ttcacattaa tatttgctga cagctgacct ttgtcatctt tcttctattt 300
tattccottt cacaaaattt tattcctata tagtttattg acaa 344

<210> 463
<211> 325
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 590_at HG-U95Av2

<400> 463
tccgtggcaa tgagactctg cactatgaga ccttcgggaa ggcagcccct gctccgcagg 60
aggccacagc cacattcaac agcacggctg acagagagga tggccaccgc aacttctcct 120
gcctggctgt gctggacttg atgtctcgcg gtggcaacat ctttcacaaa cactcagccc 180
cgaagatgtt ggagatctat gagcctgtgt cggacagcca gatggtcatc atagtcacgg 240
tggtgtcggg gttgctgtcc ctgttcgtga catctgtcct gctctgcttc atcttcggcc 300
agcacttgcg ccagcagcgg atggg 325

<210> 464
<211> 517
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 595_at HG-U95Av2

<400> 464
aaagccagta accatgagta tgaggaaatc tctttctggt gctggcttac agtttctctg 60

313

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 ctttttcccc agagataaag gctgccattt tgggggtctg tacttatggc ctgaaaatat 180
 ttgtgatcca taactctaca cagcctttac tcatactatt aggcacactt tccccttaga 240
 gccccctaag tttttccag acgaatcttt ataatttcct ttccaaagat accaaataaa 300
 cttcagtggt ttcactaat tctcttaaag ttgatattct aatattttgt gttgatcatt 360
 atttccattc ttaatgtgaa aaaaagtaat tatttatact tattataaaa agtatttgaa 420
 atttgacat ttaattgtcc ctaatagaaa gccacctatt ctttggtgga tttcttcaag 480
 tttttctaaa taaatgtaac ttttcacaag agtcaac 517

<210> 465

<211> 588

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 626_s_at HG-U95Av2

<400> 465

cgggctctgc tctgatcacc tttgatgacc ccaaagtggc tgagcaggtg ctgcaacaaa 60
 aggagcacac gatcaacatg gaggagtgcc ggctgcggt gcaggtccag cccttgagac 120
 tgcccatggt caccaccatc caggtgtcca gccagttgag tggccggagg gtgttggtca 180
 ctggatttcc tgccagcctc aggtgagtg aggaggagct gctggacaag ctagagatct 240
 tctttggcaa gactaggaac ggaggtggcg atgtggacgt tcgggagcta ctgccaggga 300
 gtgtcatgct ggggtttgct agggatggag tggctcagcg tctgtgcaa atcggccagt 360
 tcacagtgcc actgggtggg cagcaagtcc ctctgagagt ctctccgtat gtgaatgggg 420
 agatccagaa ggctgagatc aggtcgcagc cagttccccg ctcggtactg gtgctcaaca 480
 ttctgatata cttggatggc ccggagctgc atgacgtcct ggagatccac ttccagaagc 540
 ccaccgcgg gggcggggag gtagaggccc tgacagtcgt accccaag 588

314

<210> 466
<211> 540
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 669_s_at HG-U95Av2

<400> 466
gagaccagtg tatcaggtca gggacttggg caggagtcag tgtctggctt tttcctctga 60
gcccagctgc ctggagaggg tctcgtgtgc actggctggc tcctagggga acagaccagt 120
gaccccagaa aagcataaca ccaatcccag ggctggctct gactaagag aaaattgcac 180
taaataaatc tcgttcccaa agaactaccc ccttttcagc tgagccctgg ggactgttcc 240
aaagccagtg aaatgtgaag gaaagtggg tccttcgggg cgatgctccc tcagcctcag 300
aggagctcta ccctgctccc tgctttggct gaggggcttg ggaaaaaac ttggcacttt 360
ttcgtgtgga tcttgccaca tttctgatca gaggtgtaca ctaacatttc ccccgagctc 420
ttggcctttg catttattta tacagtgcct tgctcggcgc ccaccacccc ctcaagcccc 480
agcagccctc aacaggccca gggagggaag tgtgagcgcc ttggtatgac ttaaaattgg 540

<210> 467
<211> 415
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 717_at HG-U95Av2

<400> 467
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cgtggactct agtatgtaaa tgttacttga atctgtgctt cataatagtg tgtggcatgt 120
atgtgcagac tcttgatgc tttatgcctg cgcaccagga gccctgtcct cacgttccca 180
ggagggcggc ttcacccttc gtaaccagga gacaaggcgg ccatggattt gcccttgatt 240
ctattttget aatggaagat agaaaggaga gaagggtttt tttttttttt aacattctga 300

315

agatggtgct gtgtcaagaa ggaccttttt tttcccctct cccctatttt ttaagtacct 360

tggaggagga gaggttggtg acatgcatgg tggggatcta tggcctctgg tgctt 415

<210> 468

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 823_at HG-U95Av2

<400> 468

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tgggtgcttg gaggaaggaa acccagctct ggtccataga gagcaaaacg ctgtgctgcc 120

ctgcccaccc tggcctctgc actcccctgc tgggtgtggc gcagcatatt caggaagctc 180

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ggggccctgc ctcctttgtg aggaagccgc tggggccagt tgggtccccct tccatggact 360

ttgttagttt ctccaagcag gacatggaca aggatgatct aggaagactt tggaaagagt 420

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<210> 469

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 848_at HG-U95Av2

<400> 469

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tgggggttgg atttgaagac ttttaagttt ccttccagcc cagaaagtct ctcattctag 120

cctcctggcc caggtgagtc ctagagctac aggggttctg gaaacattca ggagcttcct 180

316

gtcctcccag ctcctcactc accttcagta acccccactg gactgacctg gtccacaggg 240
cacctgccac cctggggcctg gcagctcagc ttcccaacac gcaggagcac acccagcccc 300
cacatcctgt gcctccatca gctaaacacc acgtcacttc atgcagggtga aaccaggtca 360
ctgtgagctc ccagggtgcag ccagaggcac ctcaaga 397

<210> 470
<211> 101
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 849_g_at HG-U95Av2

<400> 470
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gactgatcag gacctccaag ccactgagca atgtataacc c 101

<210> 471
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 873_at HG-U95Av2

<400> 471
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ttgaaaaaaa atagatgttt taacttatTT atatgaagca agctgtgtta cttgaagtaa 120
ctataacaaa aaaagaaaga gaaaaaaaaa aacacacaaa aagtcacctt tcaatctcgt 180
ttagtgccaa tgttggtgtg tgcactcaag ttgtttaact gtgcatgtgc gtggaagtgt 240
tcctgtctca atagctccaa gctgttaaag atatTTTTat tcaaactacc tatattcctt 300
gtgtaattaa tgctgttgta gaggtgactt gatgagacac aacttggtcg acgtgtagtg 360
actagtgact ctgtgatgaa aactgtgact ccaagcggtg tgtccctgcg tgcctttata 420

317

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t 481

<210> 472

<211> 157

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 874_at HG-U95Av2

<400> 472

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ccctttggtg cagaatgggc tgcacttcta gacaaaaact gcaaagggaac ttcattctaac 120

tctgtcctcc ctccccacag cttacagacc attgtgg 157

<210> 473

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 875_g_at HG-U95Av2

<400> 473

tgggttcagg attccatgga ccacctggac aagcaaacc aaactccgaa gacttgaaca 60

ctcactccac aacccaagaa tctgcagcta acttattttt ccctagcttt cccagacac 120

cttgtttatt ttattataat gaattttggt tggtgatgtg aaacattatg ccttaagtaa 180

tggttaattct tatttaagtt attgatgttt taagtttatt tttcatggta ctagtggttt 240

ttagatacag agacttgggg aaattgcttt tcctcttgaa ccacagttct acccctggga 300

tggttttgagg gtctttgcaa gaatc 325

318

<210> 474
<211> 547
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 925_at HG-U95Av2

<400> 474
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gcatggaaga gtttgaggac atggagagaa gtctgccact atgcctgcag ctctacgccc 120
cagggctgtc gccagaacta tcatggagtg tgcaatgggg gaccgcggca tgcagctcat 180
gcacgccaac gccagcgga cagatgctct ccagccaccg cagagtatg tgccctgggt 240
caccgtcaat gggaaaccct tggaagatca gaccagctc cttacccttg tctgccagtt 300
gtaccagggc aagaagccgg atgtctgccc ttcctcaacc agctccctcc ggagtgtttg 360
cttcgagtgt tggccggtgg gctgcggaga gctcatggaa ggcgagtggg aactcggctg 420
cctgcctttt tttctgatcc agaccctcg cactgctac ttaccaactg gaaaatttta 480
tgcatcccat gaagcccaga tacacaaaat tccacccta gatcaagaat cctgctccac 540
taagaat 547

<210> 475
<211> 451
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 943_at HG-U95Av2

<400> 475
gacggtataa cacatctact gaaaaagcaa cgggaaatgt ggtcctatth aagccagccc 60
ccacctaggg tctatthtggt tggcagttat tgggtthtgg caaaaacat cctgaaaatt 120
cgtgcgtggg cttctthtct cctggtacaa acgtatggaa tgctthttaa aggggaactg 180
tcaagctgggt gtcttcagcc agatgacatg agagaatatc ccagaaccct ctctccaagg 240

319

tgtttctaga tagcacagga gagcaggcac tgcactgtcc acagtccacg gtacacagtc 300
gggtgggccc cctcccctct cctgggagca ttcgtcgtgc ccagcctgag cagggcagct 360
ggactgctgc tgttcaggag ccaccagagc cttcctctct ttgtaccaca gtttcttctg 420
taaatccagt gttacaatca gtgtgaatgg c 451

<210> 476

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 962_at HG-U95Av2

<400> 476

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accaattcat acaccgggac ttggctgctc gtaactgctt ggtggacaga gatctctgtg 120
tgaaagtatc tgactttgga atgacaaggt atgttcttga tgaccagtat gtcagttcag 180
tcggaacaaa gtttccagtc aagtggtcag ctccagaggt gtttcattac ttcaaataca 240
gcagcaagtc agacgtatgg gcatttggga tcctgatgtg ggaggtgttc agcctgggga 300
agcagcccta tgacttgtat gacaactccc aggtggttct gaaggtctcc cagggccaca 360
ggctttaccg gcccacctg gcatcggaca ccatctacca gatcatgtac agctgctggc 420
acgagcttcc agaaaagcgt cccacatttc agcaactcct gtcttccat 469

<210> 477

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 1529_at HG-U95Av2

<400> 477

aattactgta tctaaaagga gctgctatga agtaccttct ttatgttgct aggctactgt 60

320

ttctgaaagc cctggatctc tttgcaccaa aaatggtcca gatagactct ttttaaggat 120
cttggctgct ttttactaga aggttgcttt tatgagcata tttatactgc tgaaggatga 180
gtgttaatatt taattaactt tgccgttttg tagagaaaac tattcacaag ataaattcca 240
agtctttttca cctgtcaggc atgca 265

<210> 478

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 31849_at HG-U95Av2

<220>

<221> misc_feature

<222> (305)..(319)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (389)..(415)

<223> n is a, g, c or t

<400> 478

aaattcacag tactccattt tgggggtccaa actgtaatgc tcaaaataat aaatgcttac 60
acgaaaatta tttattgaga atattcatat aaaaattacc taaagcaaag taaaaaaagt 120
aaaatcaagg tggtatattt gaagtgaatg gtgattggaa atttttagct gtaacaaaaa 180
gaaagaaaac aacttttttt aaagcctcat tctcttttct ttcaaaatgt accttattcc 240
cacacactct tgggctgacc tttattttat caataagctc aatattactt tgtttaaaat 300
aagannnnnn nnnnnnnnnc attctctctt taaccatata atttaaaaac tcctcttcac 360
gattgatagc aaaatcagaa acgttagggn nnnnnnnnnn nnnnnnnnnn nnnnntaagt 420
tggaaaaaact attattaata atattatcct atccatccat atctattgaa attgtacagg 480

321

tccataattt cattttaatt aattatagga aagaagaaaa gataataccc atttggtcta 540
tcacccctct ccctatcatt aactatcaaa taaataaata aaagcaatct gatttccaac 600
gtggta 606

<210> 479

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32110_at HG-U95Av2

<220>

<221> misc_feature

<222> 38, 41, 50, 60, 65, 74, 104, 127

<223> n is a, g, c or t

<400> 479

atgatctgcc agagcctctc caggggtgga atacatgncc nggactaagn ccaatgacan 60
ccttnccatc tttncagct atggtgactg ggtaggtat gatncttgtg agttaagaca 120
atgaagncca gagggaattt caagacttat gggaatgctg ggtagaagct gttttaattc 180
ccctgttgaa tgtgaaaaag gtagtagtat tcctgggtct ttatgatgac caccttgggc 240
cttgggatca tgaccaggaa tcacgtgaag ctgacaccac tgaagggaga gttgagaggc 300
agaaagagat caagtccttg gtgaaattgt ttaagtacag gatcaagcct tgcttgagat 360
tggccttacc t 371

<210> 480

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32385_at HG-U95Av2

322

<400> 480

gtcatcttgt aattctatgt gtaacttttg aggaatttcc aaactgtttt ctgcaatggc 60
tgcaccattt tacattcctg tcagcaatgt acaggattcc agtttctcca tatccctgcc 120
aacacttggt attttccttt ttttcagtta gttactctag tgggtatgtg gtgggtgtcc 180
cattgctgtt tgttttgatt ttcattgtcc ctaatgacta atgatattga gcatctaata 240
tccagttgtc ccagcaacat ttgtttgaag agactattct ttcctgtgta aatgggtcttg 300
gcatctttgt tgaaaatcga ttggcagcca ggtgcagtag ctcacacctg taatcccagc 360
actttgggag gctgcgctgg gcagatcgct taagct 396

<210> 481

<211> 532

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 32791_at HG-U95Av2

<220>

<221> misc_feature

<222> 127..169, 233..248, 471, 472, 476, 495..498, 500, 502, 504, 507

<223> n is a, g, c or t

<400> 481

ttgtaaacag atcatcctag gcgaaagttt tttttgtttg tttgctttta aattagttta 60
tttctaaatc ttagtcttcc acatttctag aggccacctg acacaagtcc ctgtatctga 120
agtctannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna gtggataact 180
taatctttta atacagttcc gtcattccca tcttgttttc agaagagaag gttnnnnnnn 240
nnnnnnnnna catatccact gtgtgcatag aggggtctctt cacgttgatg cttggcattc 300
catcagcttt ctctaagtct ttgctcaagt tcaaccttaa aatgatgtta gacaacaggt 360
cccagtcagt tccctctatt ttcacccatt ttgctcacia gccatattgg cccgattagt 420
gggtactgtct gactcacgtg tgtgatccaa ataaaggtag ctgctgacca nnaaanaaaa 480

323

aaaaaaaaaa aaaannnnan ananaancca gggttctctc atgaggagt aa

532

<210> 482

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33325_at HG-U95Av2

<220>

<221> misc_feature

<222> 32..58, 231, 242, 277, 451..470

<223> n is a, g, c or t

<400> 482

catcccaaag tcaaacatgg gcaagaggtg annnnnnnnn nnnnnnnnn nnnnnnnntt 60

tgtctgtgat tttaaactaa ctgtgtatgt attgatgttt ggaagattgt ttgaatttta 120

aagtgataat agtacttaat gttatccagt attgttcatt aaatgggtgt atcctaaagc 180

tgcacttggg atttttacct aacgctttac tgattctctc aagcacatgg ncaaagtttg 240

antttgcact ccgttcattt ctgacacgtt ttgctgncct cctacctttc taagcgtcat 300

gcaaattcga gaatggagaa ggacgctgcc ggtccctgag cggtgtggag agggcggaag 360

gtggactcca gcgcagcttg aggggctgag gacggaggct gcagcatctg tgtcgttcta 420

ctgagcacgc ttctctgect cgctcctgac nnnnnnnnn nnnnnnnnn tcagcagtta 480

tgtttacaca tcatttttat gttcctgctt tgtaattcat gtttgagatg ggtggccact 540

gtaca 545

<210> 483

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 33924_at HG-U95Av2

324

<220>

<221> misc_feature

<222> (81)..(113)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (378)..(401)

<223> n is a, g, c or t

<400> 483

gtcgcattaa tgaggccctt ccacatcatt tttaaactaa tgtttttcta tattaacatt 60

attatggata ttggccttc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnncccatgc 120

tccaatcaaa gggattttta gtagtgcctc taagcaagca ccgatgagtc agtcccacgt 180

atcttctttt ttgtcagtat tgtttgggaa ggagacatgc cgggatgtgt catcgtgcca 240

aataccacat ttcctgttgg cacagtttca cagaagtaaa cataagcatg ttttaacagg 300

tttttctttt cttttttctt ttttaaaatg ttttatttat ttaaccgccc attgtgtgtt 360

tttaagtatt ttcttttnnn nnnnnnnnnn nnnnnnnnnn ncaatctaac tggctatgtt 420

attattatta aatttatgtt ttgcaactta gaaaccagct acagtatgg 469

<210> 484

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34176_at HG-U95Av2

<220>

<221> misc_feature

<222> 53, 200, 225, 245, 268, 397..411

<223> n is a, g, c or t

<400> 484

ggagcttatt cctggctcca tcgctaacac gttgactgct tattatggga aanttttctc 60

325

tgaagccagg gagaagcatt gattgatgtg ggcaaattcca agctccagcc aggtcgcagt 120
cccaaattgcc gacatcactg actccaggga ccagggacat ggagaaagct gtttatgata 180
tctttaacca ggccctcttn actagagctg gtgtttgtga ctggnccaac aagatgtggc 240
tatgnccagg ggacatctga gtatgtgncc cagtcactct ttttcacagg ttgaagggag 300
agaaaagatt ttgagttaag gtcattggct gctctactct gtccccctacc tggtcaccta 360
gtgatagccc cagtggagat actgtccata caaggtnnnn nnnnnnnnnn nataccacag 420
taaaaggcca ggccaggagg ggtaggagac tatggagatc ttacctcctg ataaatg 477

<210> 485

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34303_at HG-U95Av2

<220>

<221> misc_feature

<222> 43, 44, 49, 50, 53, 54, 56..59, 61, 64..66

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 68..182, 192, 311..334

<223> n is a, g, c or t

<400> 485

aatgtcaacc ggagccctta caccagccct ccagcatcta atnnacttnn aanntnnnnt 60
naannnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 180
nntggcagcg gncttatcct tctctgttgc caaccttgcc gtccgacctc ctccgcccc 240
atgcggtgac cccgtccgtg tctgtgtctg tccatacgtg tgagtccagc taaaaagaca 300
aaacagaacc nnnnnnnnnnn nnnnnnnnnnn nnnntggaga aggctccgac gtctccgaag 360

326

tgcagccctt gggatggcat tccgttgtgt gccttattcc tggagaatct gtatacggct 420
cgcctataga aatatagcct 440

<210> 486

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34678_at HG-U95Av2

<220>

<221> misc_feature

<222> 158, 161..164, 166..171, 173..177, 179..186, 188..191, 193..198

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 200..214, 218..234, 432..454, 457..491

<223> n is a, g, c or t

<400> 486

ccgaactatt tgtcaatgaa gattgtaaag ccaaattgtgt aacaaaggca aaggcttcat 60
ttcaagagtc atccagcaat gagagaatcc tgcctctgta gaccaacatc cagtgtgatt 120
ttgtgtctga gaccacaccc cagtagcagg ttacgccttg nnnncnnnnn ncnnnnntnn 180
nnnnnngnnn ntnnnnnnnn nnnnnnnnnn nnnnaacnnn nnnnnnnnnn nnnntgttat 240
ctcttaagta ttaaaagttt tattttctaa agtttaaadc atgtttttca aaatatattt 300
caaggtggct gggtccattt aaaaatcatc tttttatatg tgtcttcggt tctagacttc 360
agcttttgga aattgctaaa tagaattcaa aaatctctgc atcctgaggt gatatacttc 420
atatttgtaa tnnnnnnnnn nnnnnnnnnn nnnnaannnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn ngcccacaac cattgctata ttttgatatg a 521

327

<210> 487
<211> 485
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 34800_at HG-U95Av2

<220>

<221> misc_feature

<222> 344..347, 349, 351..353, 416..435

<223> n is a, g, c or t

<400> 487

tggccaaaag ctgaagggag ttactgagaa aatagttaac aattactgtc aggtgtcatc 60
actgttcaaa aggtaagcac atttagaatt ttgttcttga cagttaactg actaatctta 120
cttccacaaa atatgtgaat ttgctgcttc tgagaggcaa tgtgaaagag ggagtattac 180
ttttatgtac aaagttatth atttatagaa attttggtac agtgtacatt gaaaaccatg 240
taaaatattg aagtgtctaa caaatggcat tgaagtgtct ttaataaagg ttcatttata 300
aatgtcaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaannnngnc nnaattatc 360
tttcccccaa aaaagaaaaa aaaaataggc gaagcaaat cacatactgt ttgttnnnnn 420
nnnnnnnnnn nnnntgcta gattcctgac attttgtttt gaatttttct acacctggag 480
cttgt 485

<210> 488

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 34857_at HG-U95Av2

<400> 488

gaaagcttcc ccaattgcac ttgcatctaa acaaaactgt tgcagttttt actctattta 60
ttttgttccc catgtttatg aaagtcctgc acagtttcaa aggcatggta aataatatat 120

328

caatgtttat gtagtctgtt acagaaacag ctatagataa cattatccag tgaagagcaa 180
aattcaagct ttagaaaaata ttcatgcatg caattttgac atatctaaaa atagggttttt 240
gtatatttat ggtgggaggt ggttgggaac ttttaacaaa atggggtgtt aatttttgta 300
cagtctgtgg gcatttacac atttttaatg tattaataatt tggttaattat gtgtacatta 360
aattaataaa agttacttct agttatgatt tgtgaattcc ctaagacctt ggattttttt 420
aagtaacttt atatcagaaa tgatactgca tctttatatt tttaaaattg tattgctgct 480
caagaatggt accctcttgt caaaaaggca t 511

<210> 489

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35484_at HG-U95Av2

<220>

<221> misc_feature

<222> 157..180, 182, 183, 232, 234, 235, 237, 239..242

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 245..249, 251..258

<223> n is a, g, c or t

<400> 489

acactgtttt gtaatgatcg ctttgcatgt cttttccagc tgactccgcc accatctcct 60
gcctggatga ctgcagcagc atccttgctg gcctctctgc ttctgcatt gcctcctctg 120
aatcttcagg atgccaagtt tgtggaggaa cggagannnn nnnnnnnnnn nnnnnnnnnn 180
anngtcatga acaaagtcac ccagatgggc cccgagtctg ctgccagccc cnannangnn 240
nnccnnnnnc nnnnnnnngc ccttcttcgt gatgggatta caggtcggaa tgtacggatt 300
gtttcatttt ggggtaatga tggatcagcc acagccaagc cttaccctg ctgacgaatc 360

329

t

361

<210> 490
<211> 505
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35763_at HG-U95Av2

<220>
<221> misc_feature
<222> 214..228, 315, 336..369, 455..469, 479, 480
<223> n is a, g, c or t

<400> 490
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gtgggccttg aggatggcaa gctcatcgtg gtggtcgcgg ggcagccctc tgaggtgcgc 120
agcagccagt tcgcgcggaa gctgtggcgg tcctcgcggc gcctctccca ggtgtcctcg 180
ggagagacgg aatacaaccc tactgaggcg cgcnnnnnnn nnnnnnnncg gctgctcggg 240
ccccgcccc ggcaggcctg gcccgggagg ccccgcccag aagtcggcgg gaacaccccg 300
gggtgggcag cccanggggg tgagcggggc ccaccnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnc cctcagggat tggcgggcgg aagtcgccgc cctcgcgggc tgaggggccg 420
ccctgagggc cagcactggc gtctgcggcc gctgnnnnnn nnnnnnnna gtctggggnn 480
gggttccccg gcttccaagt cgctg 505

<210> 491
<211> 136
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 35861_at HG-U95Av2

330

<400> 491

gatgctgccc ttctttgcac gaaagcctgg cctctttgct ttggcgtgat aaacccctgt 60

ccatcttccc caaagctcat ttatgagccc acccagaggc tcctaccccc aaagattttc 120

acagaaactt gaggcc 136

<210> 492

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 35959_at HG-U95Av2

<220>

<221> misc_feature

<222> (313)..(313)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (332)..(332)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (357)..(357)

<223> n is a, g, c or t

<400> 492

gatcttcaga aagtaccata atgtcatcct actctacatt tcacaagacg aattattttg 60

agatttgttt attatattaa aatgtttttt tacgttccca ctaaattttg accccatata 120

aagaaatgtg ttatgtatgt tgtgcctcct tagagacata aatttagtgt caaaacatgg 180

gagatggctt actcagaagc atactccact taacatacca tggcctgagc taagtaccat 240

gtcctgtttg tgtcttattt ttaaataattt tctttgtcca catggggccgt tgaccttaga 300

gttaaggcgg ttngcttttt tgaagaaatc anccaaagtt tctgggaaac tatgttncaa 360

331

ggttgaaatg gagagtagat ttaattttat ttgtcttgta gggaagaaat cttcctttga 420
accgcttttc ttgctttttc cctttttccc aaactagggt acaggttctt atctgcaagg 480
ttcaagttgc ttagacattg ttttccagta ttctgcaggg ccagtcagtt gtacagaagt 540
t 541

<210> 493
<211> 500
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36014_at HG-U95Av2

<220>
<221> misc_feature
<222> (49)..(67)
<223> n is a, g, c or t

<400> 493
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nnnnnnngga gcctaaattt agttcagctt acctttgaga atagcatcaa ttcagactct 120
cttttcatta tgttttcttt tctttttccc tctttttaaa ctacattgtg ttagagtcatt 180
agtctaggat cctgagagat tttccattct tgtcaccatt cacttgcatt gtaaagattt 240
tctttgtctg ttgttgcat agattctttt gtacatatatt atttatttgt gtttatatat 300
gtcaattggg ttccctttctt agcttgatat tgcctagctt tggtgtttta attaactttc 360
tattagagag actgtatata ttttttctaa atactttgtg aaatcatttt tggtagcaat 420
atctttgaat atgatgaata aaagtgactg tgagtgcaaa tagaattagc agtaagaagc 480
tactctagct aatttgccat 500

332

<210> 494
<211> 153
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36250_at HG-U95Av2

<220>
<221> misc_feature
<222> (52)..(66)
<223> n is a, g, c or t

<400> 494
gccccagacc cttgaaggaa ggtgctcccc ttcacacacc caggctggaa annnnnnnnn 60
nnnnnngacg gcttgatggt agccaggacc tcctctttac tgcgggggtg ggcgggggcg 120
gaggatggga actggctagt gagccctgaa ata 153

<210> 495
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 36336_s_at HG-U95Av2

<400> 495
cccggagagg tgctggacct cacctacagc cccccggccg aggccttccc gccgcccccg 60
cacttctctt tcccggcgcc gctgtccctg gacgccggcc ccggcgctcg gccgctgggc 120
acccccgacg cccaggccga ccctgcggcc ctgcgcacc agggctgcga catcaacttc 180
aaggaggtgc tggaggacat gctgcgctcg ctgcacgcgg ggccgccctc cgagggcgcg 240
ctgggggagg gcgcgggggc ggggggcgcg gcggggcggtg gtcccagacg gcagagcggtg 300
atccagttca gccacc 317

333

<210> 496
<211> 533
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 36497_at HG-U95Av2

<220>

<221> misc_feature

<222> (26)..(26)

<223> n is a, g, c or t

<400> 496
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ccagagacct gtccataata cccaacagaa catgactggt tctttgagga aagggttata 120
atgtctgtgg tgtacaagtc gtttttggtg taacttcttt cctgctgctg ctgcttcccg 180
gcaaacatag ttttcctatt tcaggcagag tgcggtatat tccaggaaac actgtttcct 240
actcacttag cttacttctt tgttgaatgc ctactaatg gcaagtttca agatgttttg 300
ggtgacaatg cacacatgct gggcaaaagg gtgatggcca gtggctggca gctgggccag 360
cagaagctag gacatctgtg agttgtcatt ctcatctatc catgtccact ggccctgccag 420
catccgccag tgccttgcca gtgtgcacgg tcccacactg tggcccctga gtcccctaata 480
gtacacgctg cagccagaat gcagatggag ctggcttggc tgttcctctg atg 533

<210> 497
<211> 471
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 37030_at HG-U95Av2

<220>

<221> misc_feature

<222> 26, 51, 69, 92, 111, 120..134, 145

<223> n is a, g, c or t

334

<220>

<221> misc_feature

<222> 285, 381, 383, 384, 386

<223> n is a, g, c or t

<400> 497

ccacgactga agttgtagat tgagcngaata aaccatggga agtgaccaag ncaaagacac 60

tcgattggna gtcagttgaa tatttgtacc cntcagtggg gcccttctgg ntcttttctn 120

nnnnnnnnnn nnnntttcct ctagncaaata acttctttct ccttgcttgc ctccaccatg 180

atatttgaat aagagatggc cagaggataa cacttgtctc ttaaaaaacta agctaaaaag 240

aacctagaac cttcaattga gcagttgtga aaattgctaa tggtnccaag gccaagcaaa 300

gagtttcaga aaatgactga gaaggagcga taacccccag aatgcaaaat caggggcatc 360

attatccggt gcttgaacaa ngngntccg ctctacaact ggttttttta ggacttgtga 420

ggaacacagc aacggaaatc catccacaaa ggatgcagtg cccaacttg t 471

<210> 498

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37216_at HG-U95Av2

<220>

<221> misc_feature

<222> (76)..(103)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (215)..(237)

<223> n is a, g, c or t

<400> 498

accactgctc agaggagccc taggccttgg ccgcagtgcc ttcagcgccc gaccggggcc 60

335

cccacctggt cagccnnnnn nnnnnnnnnn nnnnnnnnnn nnnnggccggg gcgtggcagg 120
gccctctctg tgcctctcct cccaagtagg aaggggctcc gggtaggctgc tctgggactg 180
ggcaccacaca agggctcagt gggcccaaac ccttnnnnnn nnnnnnnnnn nnnnnnncca 240
agagctagaa actcaggaaa ccccagggtgc tcaggggccc gcgtctcggg ggctccgtgg 300
ggcagacccc tgctaataata tgcaattctc cctccccag cccttcctg acccctaagt 360
tattgcccgc tca 373

<210> 499
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 37786_at HG-U95Av2

<220>
<221> misc_feature
<222> (113)..(113)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (262)..(263)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (265)..(265)
<223> n is a, g, c or t

<400> 499
cgtccattac tcaaggagac agcataacag atgcagaaca agtcatatatt gaagaatgtt 60
ttgtactaaa cttcatttaa ttattcagtt tttaaaggga aaaagggcgt ganctcacac 120
agtgagctgt ttattttaa atcatthaagg agaaaaaaaa atatgggtgag aagctcgctc 180

336

ctttcaactt gtttggtact gacagctgat agaagctatt ttctaataat aaacatccag 240
 tgtgtgaaag acaaaaaaaaa annantgcaa tactcttttt ttaatgataa aacctgtgaa 300
 gtttcccaaa gcaggtttta aaaggaaaaa aaggaaaagc aaaaagggtg ctgttctcac 360
 tcccatctca tttagtgcac gtcttaattc gggattagta atgaattgga ggatcattag 420
 acattttctag gaacc 435

<210> 500

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 37788_at HG-U95Av2

<220>

<221> misc_feature

<222> 30, 352, 364..366, 368..373, 376..389, 391, 392

<223> n is a, g, c or t

<400> 500

catgaatcac atagagcagt ggagttttan ccaagtgggtg tgtgtgggtt ttgtttttta 60
 ctatgcaaag atgggaaatg cacaaacttt tcaaagacta gtgtctgaag aactttacaa 120
 acaatacttg aaccctttct ttaaagttat cccatcatgt tttatagtca ttgttgcttc 180
 cattgttagt ttccattttc aagtgcttg taatttttta agtgcactac ctgaaatttt 240
 gtttgaaatt aataaattca ttcgtatctt gttggctgcc tatgaatgga gattcagtag 300
 tcattgtatg catctttaag tcaaatgtgt attaaaactt tcgttaacgt anaaaaaaaa 360
 aaannnnnnn nnnnaannnnn nnnnnnnnnc nnccttttct gtttcctctt gtagtgctga 420
 tta 423

337

<210> 501
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 38393_at HG-U95Av2

<220>
<221> misc_feature
<222> (90)..(91)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (97)..(116)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (172)..(172)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (30)..(30)
<223> n is a, g, c or t

<400> 501
cccaagggtgg gacttggaga atattttgcg ttggcatatg tttggtctga atggtgtagt 60
tgctggttcc ctagagagga aaagggtggcn nggcccnnnn nnnnnnnnnn nnnnnnctta 120
atttccagtt gaaaccctag tagaattgtg aatgaaaacc tcaagggttg gncccctctg 180
ccaagcagca gagctagtag aaggggatgc aggggcaaag cactcagttg ccaagcaagg 240
aggagagatg tacgtgggct gtgtggcagt cccacacccc tgccctggct tcttcaggtt 300
atcgaccac tatggaatcc tttgcagaat ggtactcata taatggttta aaacaacaca 360
ttcataattg actctgtgca ggatgtcact caatcagttt gggtttgctt t 411

<210> 502
<211> 480
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 38510_at HG-U95Av2

<220>

<221> misc_feature

<222> 88, 97, 101, 105, 107, 108, 116, 120, 122, 130, 136, 158

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 186, 189, 192, 194, 197, 203, 206..210, 213..215, 217

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 223, 251, 268, 301

<223> n is a, g, c or t

<400> 502

gtcctcccat attggcaaag ataaagcaat tgacaaaaat ggaattcttg ttcaatactg	60
gcaggagtga aaattggtag aacctttnta gaaggcnatt nggcnannat gtatgnaaan	120
cntaaatgtn gatacncctt taccagcag tttgtttngg aatttatcct aatgaataaa	180
agttgncna gncntcnaaa cangannnnn aannnanatt tcnatgatgt ttatgatatt	240
aaaacattgg naacaactga aacatccntc agtaaaagat ggattaaata aattccatgc	300
nagttgtcat ttaaaaatat ttagatatat gtttattgct atggatatat gttcccaaaa	360
tattattgaa tcaaaaagta gactacagga tatatgttga atatgagctc atttataaca	420
ttgaatattt taagataatg tatgtttcat agagagatct tcaccaaagtg ttaaggattt	480

339

<210> 503
<211> 385
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 38717_at HG-U95Av2

<220>

<221> misc_feature

<222> (76)..(76)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (100)..(100)

<223> n is a, g, c or t

<400> 503

tacaagggtg ccacacctag ttctgcccag ctttatgtct tttattccag tattccacca	60
aagtttgttt tcctgncatt ccagttctca agtcttaagn ataaagattg tacttgacag	120
tttagtatat ccataaaact atttgagggtg gttaagggtc ttgggttcac tttccttaat	180
actttgctga atattgtaga ttgtaggcaa tgaaaaagtc tactaaatta ggaaaacctt	240
gaataattag gtatcctagg taagagcccc taaacatcaa gcaatctgtg agtctgtaaa	300
gaaataaata ttttttggat tattcttata taattccacc cctgttgga gatgatttct	360
ttgttctttg caactatgga agctg	385

<210> 504
<211> 581
<212> DNA
<213> Homo sapiens

<220>

<223> Probe 38749_at HG-U95Av2

340

<220>

<221> misc_feature

<222> 102, 166, 299, 494, 496..503, 506..509, 517..523, 546, 555

<223> n is a, g, c or t

<400> 504

ggcggcagca cagcacctgc acgaacaccc gccgaaactg ctgcgaggac accgtgtaca 60
ggagcggggtt gatgaccgag ctgaggtaga aaaacgtctc cngagaaggg gaggaggatc 120
atgtacgccc ggaagtagga cctcgtccag tcgtgcttgg gtttgncgc agccatgatc 180
ctccgaatct ggttgggcat ccagcatacg gccaatgtca caacaatcag ccctgggcag 240
acacgagcag gaggagagaga cagagaaaag aaaaacacag catgagaaca cagtaaatna 300
ataaaaccat aaaatattta gcccctctgt tctgtgctta ctggccagga aatggtacca 360
atttttcagt gttggacttg acagcttctt ttgccacaag caagagagaa tttaacactg 420
tttcaaaccg gggggagttg gctgtgttaa agaaagacca ttaaattgctt tagacagtgt 480
aaaaaaaaaa aaanannnnn nnaannnnn aaaaaannnn nnnattggtg tttgtttgcg 540
tatcongaaa gcagntcatg ttatccataa atctggtttt g 581

<210> 505

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 38972_at HG-U95Av2

<220>

<221> misc_feature

<222> (144)..(144)

<223> n is a, g, c or t

<400> 505

cgttagtaac catttagtga caaaggatta aaacatccat ctggatgtta attttgaaga 60
tgtaaattat atgttggtta aatttttcca ggcattctgaa aaccttatct gctagacaat 120

341

gtaagattca cacagagtta tctngggatt ctgatttttt aaatagtaca tatcattaaa 180
ccattttctc taaatgtaag aagagcagaa aaaatcttat aagattatca gattttttcta 240
atgacacaga aatgtaagaa aaaaatccct ttatattgaa aaaagatgca gtcaaagtct 300
tttcagacat gcccaaaact tgagaatttc ttcaaccatc taatgctata aagatttttg 360
ttcttcctgt tcacaaccag ttgtataaca gaaatactag ctactgtttt ccttcctgtg 420
t 421

<210> 506

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39582_at HG-U95Av2

<220>

<221> misc_feature

<222> (125)..(125)

<223> n is a, g, c or t

<400> 506

ggccacaaat ggagggattg tcctttcaag caccacagct tcagataaaa ttagtacttt 60
caaattattgt ccactttaac ttaaaaaatt ctagagggat tatattggag actcaactgc 120
ccttngggtt tagtttataa aatggcctag tactgtggaa ttttaatttt agaaagtctt 180
agcatcagat cataaacatt cattaaaaga actcacatcc catctgaaac ttcccagggg 240
agttggggatt cttagtagat tggtagaaag gggctcattt tctactgcat ttcccatttt 300
tggtatcttg ttcagcatgt tttattttta tttcttgtct gcagaacatc ctatatttat 360
gagaacattc ttttaagaaga ccaccacata gaatacccct tcctatcagc tcgctctgat 420
ttagccttaa t 431

342

<210> 507
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39597_at HG-U95Av2

<220>
<221> misc_feature
<222> (50)..(50)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (184)..(184)
<223> n is a, g, c or t

<400> 507
caaacataac ggatgtaagg cagaaagtga tcggagaagg aatgagaaan tgtgcgtgat 60
gttaatgaaa agtcatatgc agctagagca gaccaggaa agctttctgg aagagattgc 120
atctgaggaa attcaggaag gatctttgta gattgggggg agattctaaa ttgaaggggt 180
gatnggggtga ggggccagag ggaagtctgc tgtgttctca ttaggatgt cagccctccc 240
tgcaacttct ctttttggcc aatgtctttt cactttcctg accctttaga atcatcccca 300
gccagacgca atcatggaag ttgccttatt gtcactggtt aagaacttg cgaga 355

<210> 508
<211> 570
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 39602_at HG-U95Av2

<220>
<221> misc_feature
<222> (101)..(116)
<223> n is a, g, c or t

343

<220>

<221> misc_feature

<222> (247)..(324)

<223> n is a, g, c or t

<400> 508

gggtctacat taatcttcca gtactccttg ctgatgctgt gttatgtgtc atctaacaga 60

aatgactcct ttgaaataag taaatctttg gctttttggt nnnnnnnnnn nnnnnnaagc 120

aaaacaaaca aacaaaaaca aattttaaga acacaacaaa aaagatttga cttccgaata 180

gaatgttttc ttttaagaggc atgaaaagca actattgttg tggtacagtg ttaaaaatat 240

tcagttnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnntgtggc atctgaactt ttataaaggt ttccttgtgc 360

caaataagtg caaagattta atttactatt aaaaaccata agcatatgtt atagttccag 420

aagaattatt ttgtcatcaa gtgattttga tcttttagtgt caatatttat atttagatta 480

atTTTTataa atgaaaatat tttaatgggt taagaaaatg aggacaacag gataatatct 540

ttgatgactt ctgaaagtta tgcttcctt 570

<210> 509

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39827_at HG-U95Av2

<220>

<221> misc_feature

<222> 132..166, 168..178, 181..184, 187..190, 193, 194

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 198..203, 205..208, 341..358

<223> n is a, g, c or t

344

<400> 509

acgtgctcct cagagcagcc ggagggaggg gggaggtcgg aggtcgtgga ggtggtttgt 60
gtatcttact ggtctgaagg gaccaagtgt gtttgttggt tgttttgtat cttgtttttc 120
tgatecggagc annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnann nnnnnnnnaa 180
nnnnagnnnn ggnnggggnnn nnnngnnnngg atcacttggg atctttgaca cttgaaaaat 240
tacacctggc agctgcgttt aagccttccc ccatcgtgta ctgcagagtt gagctggcag 300
gggaggggct gagaggggtg gggctggaac cctcccccg nnnnnnnnnn nnnnnnnnct 360
tccatctaga actgtttaca tgaagataag atactcactg ttcataaata cacttgatgt 420
tcaagta 427

<210> 510

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 39837_s_at HG-U95Av2

<220>

<221> misc_feature

<222> 85, 86, 95, 133

<223> n is a, g, c or t

<400> 510

cctagtcttc acgaggaccc tttcttgccc acagtttcga gaggcccgtg ccatgagacc 60
gcctgggggtg agcaaggcga cctgnnctgc tgccngaagg tttggccgcc gcgggacacc 120
tgtttccttc ccncagtgtc tgcgtccgca cagcataccc agctcggacc tcctaggaca 180
gagactcagc gaacccttgc tgggaaccgc tgagctgaag ttcttggaag gctcccaccc 240
aggtgccccg ttggaaagca gatata 265

345

<210> 511
<211> 211
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40239_g_at HG-U95Av2

<400> 511
tataagtatg caacagtcag cggggggaag ataaaggtag attataaaac acacattaat 60
gcatttaata aatatatatt atctatcaaa agtgagcctt agctcttcat cagttaataa 120
aaagcacctg ctgagaactc ctgtaagctg gtatcatcat tgcattcattg gattataaaa 180
gccacaatgc tccctttcaa cttgggggtt g 211

<210> 512
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<223> Probe 40472_at HG-U95Av2

<220>
<221> misc_feature
<222> (44)..(58)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (63)..(139)
<223> n is a, g, c or t

<220>
<221> misc_feature
<222> (26)..(29)
<223> n is a, g, c or t

<400> 512
ttgctgaaga gcaagcagag ggccnnnnnc gcctgctgta caannnnnnn nnnnnnnnca 60

346

tcnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnna ggcctctccc tctgtcagtt ccagaacttc tccctccatg 180
accactcta tgggaaactc ttcagcacct acctgcgccc cccacacacc tctcgaggca 240
cctcccagac accaaatgcc tcattcccag gcaaccccac tgctctggcc aatgggactg 300
tgcaagcacc caagcagaag ggagactgag tgcctcagcc tctcaccccc tctctctcag 360
ggcagcgcta ggggcctccc ctatgcctca gcccattctc tgctcctgtt tgaattttg 419

<210> 513

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40642_at HG-U95Av2

<220>

<221> misc_feature

<222> (34)..(52)

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> (198)..(198)

<223> n is a, g, c or t

<400> 513

taagcccttg atgacttatt gcatgataca gtannnnnnn nnnnnnnnnn nntaaataca 60
tgaaaagcag tgtaagctag tgacactaaa gccagtcttg tattactgta tttttgacag 120
aatggttttg aaaactgtgc tacagggact gatgtggcaa atatattctt ttatgcagaa 180
ggaagtcttt ttttttctntt tttttttttt taagaagtat ggcttttttat gcatccttca 240
tcgagggcat tgaagttgca tggactgata aaagttgatg caaaacaaga aagaaacaaa 300
caaaaaaaaa aaaccagcaa aatggttacc aaaaaactca aacaaatgag cagtgcctgt 360

347

tcaatttcac agtctctgtt gagttcagtt gtaaataatgt ttcaaagtac attttcttgg 420

gaaaaaaaaat ctctacaaca ttgtagaatg tgaggggtaa ctacatccca ggcatag 477

<210> 514

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 40855_at HG-U95Av2

<220>

<221> misc_feature

<222> (283)..(301)

<223> n is a, g, c or t

<400> 514

ctcatgtatt tatgcctaata gtaagctgac ttttaaaaag ctttcttttg ttgcatgccc 60

tgtgcaggca tctgtattgt acatgcatgc ctttcgtcct gttttcctgt ataaagttag 120

tgaacaaaga aatatttttg cctagttcat gttgccaagc aatgcatatt ttttaaattt 180

gtcatatatg gaaagagcat gtttggttaca tgtaaaagct ttactgatat acagatatatac 240

taatgtttga agatgctgtt ctttgcaagt gtacagtttt cannnnnnnnn nnnnnnnnnn 300

ncacccttgt gggtttaaact tgctacaatg tatttattat tcatttcctc ccatgtaact 360

aagaatcatg gctat 375

<210> 515

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41229_at HG-U95Av2

348

<220>

<221> misc_feature

<222> 85..108, 166, 173, 182, 185..215

<223> n is a, g, c or t

<400> 515

caacttttgt aggactgtgt gtttcttttag atacatttag tacaactgta ggtgacgagt 60
agtcagttat tgcttgctag ctacnnnnnn nnnnnnnnnn nnnnnnnnac ttttggcatt 120
ttgtcctcat gggccataaa tacagaacct tgtatttttaa ttaaantttt ttncaaaagg 180
anggnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnttagca gtaggatgta ttatacgaca 240
gttacttaat ttctagagtt caggcctctg ggatcaaccc cagactgggc cagaatgtta 300
gtgaaggttt tattgtgccc ggttggagga taacgttctt tgggtacttt ttgtgggttg 360
caaatgaact caattgccac aagttttaaa ctggtgtaaa tcaagcttga cttaatgtga 420
ttgttactgt tatatccagc ctatactgct agcagctgct catactgcag tcaattactg 480
gaagcggata t 491

<210> 516

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41690_at HG-U95Av2

<220>

<221> misc_feature

<222> (26)..(44)

<223> n is a, g, c or t

<400> 516

ttgccctggg gagaccata ccattnnnnn nnnnnnnnnn nnnncttaaa gtccagtgtt 60
ggctgttagt gtatttgata ttctgcctgt ctctcatgg ttgaaatatg tctgaagaat 120
agcagcataa tctcttggct gtttatactt ttttaaactt tcctgtgttg taaatattgt 180

349

atacttttgg tgattccagc tatgtaacct ctatgctctg taagggtgatt atttgtatat 240
agcaacatgg cccagtgata ttatatagtt tcccaatgga gaggttattg agtaaccttt 300
gcattagttt aaacactacc agaagaatgc tgagccaact ataaacactc aattttgtat 360
gttttcctaaa ttgtacttat tactgctttt gatactgtat tacgtgccaa tagtttccca 420
atcacatagc aggcaaga 438

<210> 517

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41710_at HG-U95Av2

<220>

<221> misc_feature

<222> (124)..(145)

<223> n is a, g, c or t

<400> 517

ccataattgt ttagccatgt gagtttcagg ttggtacacg ttcagacaga actgctgtat 60
cacattccaa ttttgaatag ccagtgcagca atcaagtgtg gagaaatgat aaatggccta 120
agaagnnnnn nnnnnnnnnn nnnnnatgct cttcctagta gcttaatagg ccacaagcta 180
gtttctgttg cactctgaaa taaaatatgc tttaaaaatg tagggaacag tgcttagaaa 240
agcaaaaact aggtgtgtca ttgaaataat aggcataaaa attaaatggt acataagaac 300
actatttgga aagaggggtcc ttttaaaaac tgaatttgta ctaaatacaga tttgcatgt 360
ccagtacaga ataatttgta cttagtattt gcagcagggt ttgtctttgt gaattc 416

<210> 518

<211> 383

<212> DNA

<213> Homo sapiens

350

<220>

<223> Probe 41735_at HG-U95Av2

<220>

<221> misc_feature

<222> (70)..(141)

<223> n is a, g, c or t

<400> 518

gctctacact ccagggcatc ttgacccagc cgaaaaagtt gaagatgctc accccaagtt 60
atggtgtgcn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn ncaactgcaaa agtgaactgc atggtgatgg ccgaccagaa 180
ccaggtgtgg gttggctcgg aagactccgt catctacatc atcaacgtcc acagcatgctc 240
ctgcaacaag cagctcacag cccactgctc cagtgtcacg gatttgattg tgcaggacgg 300
acaggaggca cccagcaacg tgtactcgtg cagcatggac ggcattggtgc tgggtgtggaa 360
tgtgagcaca ctgcaggtga cca 383

<210> 519

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 41837_at HG-U95Av2

<220>

<221> misc_feature

<222> 61, 72, 78, 79, 82, 83, 98, 99, 101, 112..114, 122, 124

<223> n is a, g, c or t

<220>

<221> misc_feature

<222> 128, 131, 132, 141..143, 145..172, 174, 245..271

<223> n is a, g, c or t

<400> 519

tcaccaatgc atatgaagag tatgcttggg gaagagctta ggaatggggg gggcatggga 60

351

ntgctgggta gncagccnnt tnnagcaaatt ctgcatcnnt nctcttattt cnnngacott 120
tntnccangt nccccagtcc nntnnnnnnn nnnnnnnnnn nnnnnnnnnn nntnctttat 180
actattttaat cttttgcaga aaccttacta ttataacttg ctactctcca gataccaatt 240
cttcnnnnnnn nnnnnnnnnn nnnnnnnnnn ntgtcttact gatgttttca tgatcaactt 300
gtaaatgtaa gcagttgact tcataaaagg tatttttaact attcttggag tcctttgcta 360
cccaagcacc tggtttcacc atgcgatcac tgacttctct acag 404

<210> 520

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Probe 717_at HG-U95Av2

<400> 520

gttcggattt gactgcctgt atatgttttg tgaaatggc ctgttttttg gtaggtgaca 60
cgtggactct agtatgtaaa tgttacttga atctgtgctt cataatagtg tgtggcatgt 120
atgtgcagac tcttggatgc tttatgcctg cgcaccagga gccctgtcct cacgttccca 180
ggagggcggc ttcacccttc gtaaccagga gacaaggcgg ccatggattt gcccttgatt 240
ctattttgct aatggaagat agaaaggaga gaaggttttt tttttttttt aacattctga 300
agatggtgct gtgtcaagaa ggacctttt tttccctct cccctatttt ttaagtacct 360
tggaggagga gaggttggtg acatgcatgg tggggatcta tggcctctgg tgctt 415